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EUB

Summary of 1998 Crude Oil Reserve Changes

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Summary of 1998 Crude Oil Reserve Changes

EUB ST 99-18A **April 1999**

Supplement to 1998 Year-end
Reserve Publication EUB ST 99-18

SUMMARY OF 1998 CRUDE OIL RESERVE CHANGES

Over the past year, the Board's Resource Appraisal Group and Reservoir Development Group staff has designated new oil pools, revised reserves in existing pools because of new drilling or reassessment of reserves, and approved various schemes for improving ultimate oil recovery. These changes are summarized on the following attachments:

ATTACHMENT I - pools in which recoverable reserves were revised as a result of pool development or reservoir re-evaluation.

- new pools declared in 1998.

- pools which lost their confidential status.

- pool name changes.

ATTACHMENT II - schemes which received enhanced recovery recognition during 1998.

Inquiries concerning this publication may be directed to the Board's Resource Appraisals Group telephone 297-8566.

Yours truly,

Andy Burrowes
Section Leader
Oil Reservoir Administration
Resource Appraisal Group

Attachments

ATTACHMENT I

1998 RESERVE CHANGES

Initial Established Crude Oil Reserves

at 31 December

Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Acheson Blairmore D & I	348.0	371.0	+23.0	Re-evaluation - Increased Ri
Acheson Blairmore S	5.4	15.3	+9.9	Pool Development - Increased N & Ri
Acheson Blairmore V	18.4	19.8	+1.4	Re-evaluation - Increased Ri
Acheson D-3 A Water Flood	17610.0	17790.0	+180.0	Re-evaluation - Increased Ri
Acheson Wabamun A	4.3	8.0	+3.7	Resumed Production Operations
Acheson East Blairmore C	67.2	71.8	+4.6	Re-evaluation - Decreased N & Increased Ri
Acheson East Blairmore N	Conf	9.4		
Alderson Arcs D	Conf	448.0		
Alderson Lower Mannville A	170.0	157.0	-13.0	Re-evaluation - Decreased N & Increased Ri
Alderson Lower Mannville H	156.0	84.5	-88.2	Coalesced Alderson Lower Mannville H & U3U Pools
Alderson Lower Mannville HH	8.8	20.1	-11.8	Coalesced Alderson Lower Mannville HH & T3T Pools
Alderson Lower Mannville AAA	237.0	221.0	-47.0	Coalesced Alderson Lower Mannville AAA & J4J Pools
Alderson Lower Mannville M2M	133.0	186.0	+53.0	Pool Development - Increased N & Ri
Alderson Lower Mannville Y2Y	18.1	18.9	+0.8	Pool Development - Increased N
Alderson Lower Mannville D3D Primary Water Flood	77.3 132.0	0.0 462.0	-77.3 +330.0	Delete Primary Enhanced Recovery Recognition
Alderson Lower Mannville Q3Q	56.2	14.1	-42.1	Re-evaluation - Decreased Ri
Alderson Lower Mannville V3V	39.6	39.3	-0.3	Re-evaluation - Decreased N & Increased Ri
Alderson Lower Mannville B4B	54.7	16.4	-38.3	Re-evaluation - Decreased Ri
Alderson Lower Mannville J4J	Conf	31.0		
Alderson Lower Mannville L4L	Conf	6.1		
Alderson Lower Mannville M4M	Conf	50.2		
Alderson Lower Mannville O4O	0.0	30.4		New Pool - Previously in Alderson Lower Mannville H
Alderson Lower Mannville P4P	0.0	33.9		New Pool - Previously in Alderson Lower Mannville V3V
Alderson Lower Mannville Q4Q	0.0	12.4		New Pool - Previously in Alderson Lower Mannville V3V
Alderson Lower Mannville R4R	Conf	6.0		
Alderson Lower Mannville S4S	Conf	5.1		
Alderson Upper Mannville S Water Flood	175.0	195.0	+20.0	Re-evaluation - Increased Ri
Alderson Upper Mannville EE	19.1	27.9	+8.8	Re-evaluation - Increased Ri

* Year-end Review Pools

** Abbreviations

Ri - Recovery Factor

Np - Cumulative Oil Production

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1998 RESERVE CHANGES
Initial Established Crude Oil Reserves
at 31 December

Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Alderson Upper Mannville KK	27.6	13.8	-13.8	Re-evaluation - Decreased Ri
Alderson Upper Mannville YY Water Flood	162.0	245.0	+83.0	Enhanced Recovery Recognition
Alderson Upper Mannville XXX Water Flood	32.0	64.0	+32.0	Re-evaluation - Increased N
Alderson Upper Mannville D2D Primary Water Flood	29.8 0.0	8.1 32.6	-21.7	Enhanced Recovery Recognition
Alderson Upper Mannville N2N	33.4	41.0	+7.6	Pool Development - Increased N
Alderson Upper Mannville Y2Y	0.0	3.9		
Alderson Upper Mannville Z2Z	Conf	5.1		
Alexander Basal Quartz K	25.9	2.9	-23.0	Re-evaluation - Decreased Ri
Alexander Basal Quartz L	27.1	2.7	-24.4	Re-evaluation - Decreased N & Ri
Amber Keg River G	69.0	59.1	-9.9	Re-evaluation - Decreased Ri
Amber Keg River HH	64.4	137.0	+72.6	Pool Development - Increased N
Amber Keg River DDD	26.8	13.4	-13.4	Re-evaluation - Decreased N & Ri
Amber Keg River GGG	Conf	9.2		
Amber Keg River III	0.0	48.9		
Amber Muskeg C	32.3	38.7	+6.4	Re-evaluation - Increased Ri
Ante Creek Montney B	Conf	15.0		
Ante Creek North Triassic C	0.0	122.0		
Ante Creek North Triassic E	440.0	1027.0	+459.1	Coalesced Ante Creek North Triassic E with Triassic G and Ante Creek Montney B
Ante Creek North Triassic I	0.0	5.8		
Armada Upper Mannville H	8.5	5.4	-3.1	Pool Abandoned
Atlee-Buffalo Glauconitic A	1.6	7.1	+5.5	Re-evaluation - Increased Ri
Atlee-Buffalo Glauconitic H	107.0	192.0	+85.0	Pool Development - Increased N
Atlee-Buffalo Upper Mannville A	26.2	197.0	+170.8	Pool Development - Increased N & Ri
Auburndale Wainwright B	93.2	155.0	+61.8	Pool Development - Increased N
Badger Upper Mannville Q	17.1	3.7	-13.4	Re-evaluation - Decreased N & Ri
Bantry Detrital D	0.0	6.9		
Bantry Mannville E	29.6	9.9	-19.7	Re-evaluation - Decreased Ri
Bantry Mannville G	188.0	187.0	-1.0	Re-evaluation - Decreased N & Increased Ri
Bantry Mannville DD	17.8	16.7	-1.1	Re-evaluation - Decreased N & Increased Ri

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Initial Established Crude Oil Reserves

at 31 December

Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Bantry Mannville HH	0.1	4.2	+4.1	Re-evaluation - Increased Ri
Bantry Mannville PP	18.2	9.1	-9.1	Re-evaluation - Decreased Ri
Bantry Mannville HHH	Conf	1.5		
Bantry Mannville KKK	0.0	5.5		
Bantry Sunburst D	61.0	41.4	-42.7	Coalesced Bantry Mannville D & Sunburst N Pools
Bantry Sunburst M	Conf	15.3		
Bantry Sunburst O	Conf	56.4		
Barons Barons A	31.3	62.6	+31.3	Re-evaluation - Increased Ri
Barons Barons C	0.0	3.5		
Barrhead Banff D	12.1	0.6	-11.5	Re-evaluation - Decreased Ri
Bashaw D-2 B	810.0	916.0	+106.0	Pool Development - Increased N
Bashaw D-2 G Primary	34.5	0.0	-34.5	Delete Primary Mechanism
Bashaw D-2 L Water Flood	484.0	787.0	+303.0	Re-evalution - Increased Ri
Bassano Lower Mannville I	0.0	4.1		
Beaton Wabamun A	3.4	5.0	+1.6	Re-evaluation - Increased Ri
Beauvallon Colony K	0.0	1.6	+1.6	Establish Oil Reserves
Bellis Upper Mannville N2N	0.0	12.2		
Bellis Upper Mannville O2O	Conf	10.2		
Belloy D-1 O	21.1	18.8	-2.3	Pool Abandoned
Belloy D-1 S	23.1	10.8	-12.3	Re-evaluation - Decreased N & Ri
Belloy D-1 U	24.8	14.5	-10.3	Re-evaluation - Decreased N & Ri
Bellshill Lake Blairmore G	21.4	31.4	+10.0	Re-evaluation - Decreased N & Increased Ri
Bellshill Lake Ellerslie E	10.0	1.5	-8.5	Pool Abandoned
Berry Upper Mannville EE Water Flood	66.0	110.0	+44.0	Enhanced Recovery Recognition
Bigoray Nisku C Water Flood	420.0	540.0	+120.0	Re-evaluation - Increased Ri
Bigoray Nisku F Solvent Flood	2296.0	2352.0	+56.0	Re-evaluation - Increased Ri
Bigoray Nisku G Water Flood	462.0	554.0	+92.0	Re-evaluation - Increased Ri
Bigoray Ostracod Primary Water Flood	103.0 880.0	44.9 980.0	-58.1 +100.0	Re-evaluation - Decreased N & Ri Re-evaluation - Increased N & Decreased Ri

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Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Bigoray Ostracod J	19.3	4.5	-14.8	Re-evaluation - Decreased Ri
Bigstone Dunvegan E	0.0	5.9		
Birch General Petroleum A	1.4	6.5	+5.1	Resumed Production Operations
Black Butte Mannville B	93.2	103.0	+9.8	Re-evaluation - Increased Ri
Black Keg River E	0.0	45.3		
Black Muskeg E	51.2	4.8	-46.4	Re-evaluation - Decreased N & Ri
Black Muskeg F	Conf	24.5		
Blackfoot Glauconitic D	23.7	96.0	+14.0	Coalesced Blackfoot Glauconitic D & G Pools
Blackfoot Glauconitic F	0.0	10.6		
Blackfoot Glauconitic H	Conf	1.9		
Blackfoot Glauconitic J	0.0	18.9		New Pool - Previously in Blackfoot Glauconitic G
Blood Sunburst A	Conf	3.5		
Bonanza Boundary C	16.1	3.9	-12.2	Re-evaluation - Decreased N & Ri
Bonanza Doig B	40.8	19.2	-21.6	Re-evaluation - Decreased N & Ri
Bonanza Doig D	89.9	161.0	+71.1	Pool Development - Increased N
Bonanza Kiskatinaw D	28.7	9.0	-19.7	Re-evaluation - Decreased N & Ri
Boundary Lake South Charlie Lake F	4.0	11.6	+7.6	Pool Development - Increased N
Boundary Lake South Charlie Lake H	Conf	7.1		
Boundary Lake South Triassic N	353.0	512.0	+159.0	Pool Development - Increased N
Bow Island Glauconitic A	575.0	680.0	+105.0	Re-evaluation - Increased Ri
Bow Island Glauconitic D	Conf	4.1		
Bow Island Lower Mannville A	1.1	5.7	+4.6	Resumed Production Operations
Bow Island Lower Mannville F	70.0	133.0	+63.0	Pool Development - Increased N
Bow Island Sawtooth D	323.0	347.0	+24.0	Re-evaluation - Increased Ri
Bow Island Sawtooth F	103.0	179.0	+76.0	Pool Development - Increased N
Bow Island Sawtooth G	69.6	87.0	+17.4	Pool Development - Increased N
Bow Island Sawtooth M	26.4	80.8	+54.8	Pool Development - Increased N
Bow Island Sawtooth R	Conf	48.2		
Bow Island Sawtooth S	Conf	3.6		
Bow Island Sawtooth T	Conf	99.2		
Bow Island Sawtooth U	Conf	16.5		
Bow Island Sawtooth V	0.0	6.1		

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Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Brant Turner Valley C	Conf	10.6		
Brazeau River Belly River O	30.0	43.0	+13.0	Re-evaluation - Increased N
Brazeau River Belly River P	8.4	16.8	+8.4	Pool Development - Increased N
Brazeau River Belly River T	13.3	39.2	+25.9	Pool Development - Increased N
Brazeau River Belly River X	203.0	428.0	+190.2	Coalesced Brazeau River Belly River X,ZZ & VVV Pools
Brazeau River Belly River LLL	33.3	93.3	+30.5	Coalesced Brazeau River Belly River UU & LLL Pools
Brazeau River Belly River TTT	Conf	13.0		
Brazeau River Belly River A2A	0.0	10.3		
Brazeau River Blueridge B	0.0	47.7		
Brazeau River Lower Mannville M	Conf	15.3		
Brazeau River Nisku L Water Flood	317.0	346.0	+29.0	Re-evaluation - Increased Ri
Brazeau River Rock Creek L	0.0	6.5		
Brazeau River Second White Specks B	38.4	1.9	-36.5	Re-evaluation - Decreased N
Campbell-Namao Blairmore C	36.7	43.2	+6.5	Re-evaluation - Increased Ri
Carmangay Sunburst B	3.8	9.8	+6.0	Pool Development - Increased N
Caroline Cardium E Primary	130.0	195.0	+65.0	Pool Development - Increased N
Caroline Cardium R				Coalesced Caroline Cardium P,R & S Pools
Primary	48.8	105.0	+12.1	Re-evaluation - Decreased N & Ri
Water Flood	0.0	76.0	+76.0	Enhanced Recovery Recognition
Caroline Cardium T	0.0	3.3		
Caroline Cardium U	0.0	11.6		
Caroline Viking S	208.0	343.0	+135.0	Pool Development - Increased N
Carrot Creek Cardium H	15.1	2.2	-12.9	Re-evaluation - Decreased N & Ri
Carrot Creek Cardium AA	3.7	6.0	+2.3	Re-evaluation - Increased Ri
Carrot Creek Cardium GG	55.9	74.5	+18.6	Re-evaluation - Increased Ri
Carrot Creek Cardium UU	Conf	23.6		
Carrot Creek Jurassic II	Conf	9.2		
Carson Creek Viking A	31.5	18.9	-12.6	Re-evaluation - Decreased Ri
Cavalier Glauconitic A Water Flood	320.0	174.0	-146.0	Re-evaluation - Decreased N & Ri
Cavalier Glauconitic F Water Flood	104.0	18.7	-85.3	Re-evaluation - Decreased N & Ri

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Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Cecil Charlie Lake L & M	337.0	260.0	-77.0	Re-evaluation - Increased N & Decreased Ri
Cecil Charlie Lake R	38.1	79.6	+41.5	Pool Development - Increased N & Ri
Cecil Charlie Lake S	0.0	32.7		
Cecil Charlie Lake V	Conf	9.0		
Cecil Charlie Lake AA	0.0	5.3		
Cecil Montney A	0.0	15.0		
Cecil Taylor Flat A	Conf	6.1		
Cereal Detrital A	Conf	0.1		Pool Abandoned
Cessford Detrital F	29.3	11.7	-17.6	Re-evaluation - Decreased Ri
Cessford Mannville O6O	Conf	6.2		
Cessford Mannville R6R	0.0	6.7		
Chamberlain Blairmore	33.5	51.1	+17.6	Resumed Production Operations
Chauvin Colony B	3.6	20.1	+10.0	Coalesced Chauvin Colony A & B Pools
Chauvin Cummings B	0.0	2.6		
Chauvin Lloydminster D	0.3	22.5	+22.2	Resumed Production Operations
Chauvin Lloydminster E	Conf	7.2		
Chauvin Mannville E	Conf	6.9		
Chauvin Sparky E & General Petroleum A	177.0	222.0	+45.0	Re-evaluation - Increased Ri
Chauvin Sparky I	3.4	19.5	+16.1	Resumed Production Operations
Chauvin Sparky K	Conf	3.0		
Chauvin Sparky L	Conf	54.6		Coalesced Chauvin South Sparky J & L
Chauvin South General Petroleum I	Conf	6.8		
Chauvin South Lloydminster G	Conf	5.7		
Chauvin South Lloydminster H	Conf	4.0		
Chauvin South Rex C	0.0	2.8		
Chauvin South Sparky W	2.6	10.6	+8.0	Resumed Production Operations
Chauvin South Sparky FF	1.8	0.3	-1.5	Pool Abandoned
Chauvin South Sparky HH & General Petroleum G	12.2	48.8	+36.6	Pool Development - Increased N
Chauvin South Upper Mannville G	6.4	0.4	-6.0	Pool Abandoned
Cherhill Banff Z	30.2	12.1	-18.1	Re-evaluation - Decreased Ri
Chicken Cardium A	12.7	2.5	-10.2	Re-evaluation - Decreased N & Ri

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at 31 December

Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Chigwell Mannville H	28.9	18.7	-10.2	Re-evaluation - Decreased N & Ri
Chin Coulee Glauconitic C	18.3	39.0	+20.7	Pool Development - Increased N & Ri
Chin Coulee Glauconitic D	0.0	3.9		
Chin Coulee Sawtooth E	0.0	1.4		
Chin Coulee Sawtooth F	Conf	24.0		
Chinchaga North Slave Point B	Conf	9.3		
Chip Lake Rock Creek D	68.4	91.4	+23.0	Pool Development - Increased N
Clair Halfway A	0.0	35.4		
Claresholm Barons D	97.3	82.2	-15.1	Re-evaluation - Increased N & Decreased Ri
Claresholm Barons F	Conf	16.2		
Claresholm Barons G	0.0	12.5		
Claresholm Barons H	Conf	4.4		
Claresholm Barons I	Conf	2.1		
Clear Hills Halfway B	13.0	13.5	+0.5	Re-evaluation - Increased N
Clive D-2 B Water Flood	185.0	195.0	+10.0	Re-evaluation - Increased Ri
Clive Ellerslie I	0.0	14.2		
Compeer Bakken A	Conf	25.8		
Connorsville Ellerslie F	Conf	7.4		
Coral Cardium A	0.0	3.4		
Corbett Viking C	Conf	6.4		
Cordel Cardium B	Conf	66.8		
Countess Lower Mannville X	262.0	170.0	-92.0	Re-evaluation - Decreased N
Countess Lower Mannville LL	Conf	2.7		
Countess Lower Mannville NN	0.0	7.6		
Countess Ostracod D	24.7	37.2	+12.5	Re-evaluation - Increased N & Ri
Countess Upper Mannville M Water Flood	167.0	150.7	-16.3	Re-evaluation - Decreased Ri
Countess Upper Mannville U	6.9	8.5	+1.6	Re-evaluation - Increased Ri
Countess Upper Mannville HH	18.0	17.5	-0.5	Resumed Production Operations
Countess Upper Mannville EEE Water Flood	70.9	35.4	-35.5	Re-evaluation - Decreased Ri
Countess Upper Mannville Q2Q	Conf	15.2		
Coutts Moulton H	11.6	1.5	-10.1	Re-evaluation - Decreased N & Ri

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Initial Established Crude Oil Reserves
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Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Coutts Moulton J	Conf	11.6		
Craigmyle Banff A	21.7	11.3	-10.4	Re-evaluation - Decreased N & Ri
Craigmyle Banff B	15.6	9.8	-5.8	Pool Abandoned
Cranberry Bluesky A	11.0	0.2	-10.8	Re-evaluation - Decreased Ri
Crossfield Cardium B	39.1	27.4	-11.7	Re-evaluation - Decreased Ri
Crossfield Rundle B	0.0	13.8		Establish Oil Reserves
Crossfield Viking A	46.7	31.1	-15.6	Re-evaluation - Decreased Ri
Crossfield Viking E	14.0	3.5	-10.5	Re-evaluation - Decreased N & Ri
Crossfield Viking F	9.3	0.4	-8.9	Re-evaluation - Decreased N & Ri
Crossfield East Elkton G	207.0	350.0	+103.5	Coalesced Crossfield East Elkton G & J Pools
Crossfield East Elkton I	0.0	73.8		
Crossfield East Ellerslie D	Conf	26.9		
Crystal Viking A Water Flood	3804.0	3559.0	-245.0	
Crystal Viking I	12.1	0.6	-11.5	Re-evaluation - Decreased N & Ri
Culp Wabamun A	28.0	20.1	-7.9	Re-evaluation - Decreased N & Ri
Culp Wabamun D	39.5	31.6	-7.9	Re-evaluation - Decreased Ri
Culp Wabamun I	64.6	32.4	-32.2	Re-evaluation - Decreased N & Ri
Cygnet Glauconitic B	20.7	11.3	-9.4	Re-evaluation - Decreased N & Ri
Cygnet Glauconitic E	16.1	7.5	-8.6	Re-evaluation - Decreased Ri
Cygnet Viking C	26.4	15.0	-11.4	Re-evaluation - Decreased Ri
Cyn-Pem Cardium C Water Flood	326.0	386.0	+60.0	Re-evaluation - Decreased N & Increased Ri
Cyn-Pem Cardium N	18.5	9.3	-9.2	Re-evaluation - Decreased Ri
Dawson Beaverhill Lake B	36.8	28.0	-8.8	Re-evaluation - Decreased N & Ri
Dawson Slave Point I	9.3	11.4	+2.1	Re-evaluation - Increased Ri
Dawson Slave Point N	186.0	355.0	+63.7	Coalesced Dawson Slave Point N,V,W &X Pools
Dawson Slave Point P	81.8	29.0	-52.8	Re-evaluation - Decreased N & Ri
Dawson Slave Point S	Conf	129.0		
Dawson Slave Point T	Conf	27.6		
Dawson Slave Point U	Conf	34.9		
Dawson Slave Point Y	Conf	135.0		
Deer Ellerslie A	11.1	1.1	-10.0	Re-evaluation - Decreased Ri

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Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Dimsdale Halfway B	16.4	20.5	+4.1	Re-evaluation - Increased Ri
Doe Boundary B	Conf	2.3		
Dolcy Lloydminster C Water Flood	648.0	737.0	+89.0	Pool Development - Increased N
Dolcy Lloydminster D	Conf	10.6		
Donalda Upper Mannville O	Conf	2.0		
Drumheller D-2 B	2766.0	2831.0	+65.0	Re-evaluation - Decreased N & Increased Ri
Drumheller D-2 C	286.0	420.0	+134.0	Pool Development - Increased N
Drumheller Lower Mannville H	19.0	7.5	-11.5	Re-evaluation - Decreased Ri
Drumheller Lower Mannville I	18.2	5.4	-12.8	Re-evaluation - Decreased N & Ri
Drumheller Lower Mannville P	14.2	7.1	-7.1	Re-evaluation - Decreased N & Ri
Drumheller Lower Mannville BB	Conf	2.7		
Drumheller Mannville I	246.0	276.0	+30.0	Pool Development - Increased N
Drumheller Mannville KK	0.0	21.3		
Duhamel Basal Quartz N	27.4	22.0	-5.4	Re-evaluation - Decreased N
Dunvegan Debolt A,B,C,D & Elkton C	0.0	6.6		Declare Oil Reserves
Edgerton Lloydminster B	4.0	5.8	+1.8	Re-evaluation - Decreased N & Increased Ri
Edgerton Lloydminster G	15.8	47.2	+31.4	Pool Development - Increased N & Decreased Ri
Edgerton Rex A	17.6	115.0	+97.4	Pool Development - Increased N & Ri
Edson Second White Specks C	63.0	47.2	-15.8	Re-evaluation - Decreased N & Ri
Edson Second White Specks D	0.0	5.0		
Edson Second White Specks E	0.0	11.9		
Edson Second White Specks F	Conf	5.5		
Edson Second White Specks G	0.0	6.8		
Elmworth Doe Creek B	302.0	353.0	+51.0	Pool Development - Increased N
Elmworth Doe Creek G	0.0	3.5		
Enchant Arcs I	54.5	73.8	+19.3	Pool Development - Increased N
Enchant Arcs P & R Primary	0.0	42.6		Declare Primary Reserves
Enchant Arcs CC & EE	119.0	156.0	+37.0	Re-evaluation - Decreased N & Increased Ri
Enchant Arcs FF & GG Primary Water Flood	 116.0 713.0	 75.0 1350.0	 -41.0 +637.0	 Re-evaluation - Decreased N Re-evaluation - Increased N

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at 31 December

Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Enchant Arcs RR & SS	30.0	23.7	-6.3	Re-evaluation - Decreased N & Ri
Enchant Arcs TT & UU	179.0	337.0	+158.0	Pool Development - Increased N
Enchant Arcs JJJ	14.2	5.2	-9.0	Pool Abandoned
Enchant Arcs KKK	12.2	3.1	-9.1	Re-evaluation - Decreased N & Ri
Enchant Arcs MMM	Conf	20.7		
Enchant Arcs NNN	Conf	3.4		
Enchant Ellis K	131.0	231.0	+100.0	Pool Development - Increased N & Ri
Enchant Ellis U	203.0	244.0	+41.0	Pool Development - Increased N
Enchant Livingstone I	Conf	5.9		
Enchant Sunburst L	0.0	6.1		
Enchant Sunburst M	0.0	5.3		
Enchant Upper Mannville M	11.3	16.1	+4.8	Pool Development - Increased N
Enchant Upper Mannville HHH	Conf	27.2		
Entwistle Nordegg-Banff A	0.0	9.1		
Entwistle Ostracod A	Conf	14.3		
Erskine Blairmore J	46.5	36.4	-10.1	Re-evaluation - Decreased N
Erskine Glauconitic X	0.0	23.6		
Esther Bakken L	164.0	218.0	+54.0	Pool Development - Increased N
Esther Bakken O	25.6	27.9	+2.3	Re-evaluation - Decreased N & Increased Ri
Esther Upper Mannville R	8.1	22.0	+13.9	Pool Development - Increased N
Esther Upper Mannville X	Conf	9.9		
Estuary Glauconitic C	Conf	17.2		
Estuary Glauconitic D	0.0	77.6		
Evi Gilwood O	68.0	60.8	-7.2	Re-evaluation - Decreased Ri
Evi Gilwood JJ	Conf	21.7		
Evi Gilwood KK	Conf	2.4		
Evi Gilwood LL	Conf	5.5		
Evi Granite Wash S	15.6	5.1	-10.5	Re-evaluation - Decreased N & Ri
Evi Granite Wash V	48.4	24.6	-23.8	Re-evaluation - Decreased N & Ri
Evi Granite Wash W	53.6	63.0	+9.4	Pool Development - Increased N
Evi Granite Wash X	170.0	79.0	-91.0	Re-evaluation - Decreased N
Evi Granite Wash BB	93.8	35.1	-58.7	Re-evaluation - Decreased Ri

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Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Evi Granite Wash CC	72.4	77.0	+4.6	Pool Development - Increased N
Evi Granite Wash GG	276.0	84.0	-192.0	Re-evaluation - Decreased N & Increased Ri
Evi Granite Wash QQ	22.6	3.4	-19.2	Re-evaluation - Decreased N & Ri
Evi Granite Wash SS	15.6	5.2	-10.4	Re-evaluation - Decreased N & Ri
Evi Granite Wash YY	0.0	47.3		New Pool - Previously part of Evi Granite Wash GG
Evi Granite Wash ZZ	0.0	8.4		New Pool - Previously part of Evi Granite Wash GG
Evi Granite Wash AAA	0.0	2.9		New Pool - Previously part of Evi Granite Wash GG
Evi Granite Wash DDD	Conf	12.8		
Evi Keg River A & Granite Wash N	2399.0	2985.0	+586.0	Re-evaluation - Increased Ri
Evi Slave Point A	101.4	114.0	+12.6	Re-evaluation - Increased Ri
Evi Slave Point H	84.0	66.2	-17.8	Re-evaluation - Decreased N & Ri
Evi Slave Point V	0.8	5.2	+4.4	Resumed Production Operations
Ewing Lake D-3 C	Conf	19.7		
Fairydell-Bon Accord Basal Mannville N	16.7	2.7	-14.0	Re-evaluation - Decreased Ri
Farrow Lower Mannville B	0.0	4.9		
Fenn West D-2 E	160.0	120.0	-40.0	Re-evaluation - Decreased Ri
Fenn West D-2 G	223.0	405.0	+182.0	Pool Development - Increased N
Ferguson Lower Mannville A Primary Water Flood	 18.7 0.0	 5.4 11.8	 -13.3	 Enhanced Recovery Recognition
Ferrier Belly River A Primary Water Flood	 800.0 0.0	 0.2 1047.0	 -799.8 +1047.0	 Re-evaluation - Decreased N & Ri Enhanced Recovery Recognition
Ferrier Belly River M	0.0	5.1		New Pool - Previously part of Ferrier Belly River A
Ferrier Elkton H	Conf	10.1		
Ferrier Second White Specks A	Conf	6.5		
Ferrier Second White Specks B	Conf	22.8		
Ferrier Viking K	Conf	2.6		
Ferrybank Banff F	89.2	12.9	-76.3	Re-evaluation - Decreased N & Ri
Fir Dunvegan A	13.4	2.0	-11.4	Re-evaluation - Decreased N & Ri
Fire Keg River C	20.7	56.1	+35.4	Re-evaluation - Decreased N & Increased Ri
Fire Keg River D	22.5	36.4	+13.9	Resumed Production Operations

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Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Fire Keg River G	12.0	4.9	-7.1	Pool Abandoned
Fire Keg River H	3.4	48.5	+45.1	Resumed Production Operations
Fire Keg River J	Conf	20.1		
Flood Montney A	13.4	1.7	-11.7	Re-evaluation - Decreased N
Gadsby Mannville K	0.2	4.4	+4.2	Resumed Production Operations
Gadsby Mannville N	0.1	1.5	+1.3	Delete Pool
Gadsby Mannville AA	35.4	5.6	-29.8	Re-evaluation - Decreased Ri
Galahad Ellerslie A	8.7	15.8	+7.1	Re-evaluation - Increased Ri
Galahad Ellerslie L	11.4	0.8	-10.6	Pool Abandoned
Garrington Cardium P	13.6	2.7	-10.9	Re-evaluation - Decreased N & Ri
Garrington Leduc D	28.5	38.0	+9.5	Re-evaluation - Increased Ri
Garrington Lower Mannville N & O	45.0	34.0	-11.0	Re-evaluation - Decreased Ri
Garrington Lower Mannville T	16.0	1.5	-14.5	Re-evaluation - Decreased N & Ri
Garrington Second White Specks J & Viking N	33.1	30.8	-2.3	Pools Commingled
Garrington Viking J	14.5	7.8	-6.7	Pool Abandoned
Garrington Viking K	38.8	40.7	+1.9	Re-evaluation - Increased Ri
Garrington Viking DD	0.0	7.0		
Gayford Ellerslie A	0.0	7.8		
George Kiskatinaw O	0.0	9.3		
Ghost Pine Upper Mannville LL	41.9	14.8	-27.1	Re-evaluation - Decreased N & Ri
Ghost Pine Upper Mannville LLL	155.0	131.0	-24.0	Re-evaluation - Decreased Ri
Ghost Pine Upper Mannville QQQ	13.6	1.6	-12.0	Re-evaluation - Decreased N & Ri
Ghost Pine Upper Mannville S4S	0.0	23.8		Declare Oil Reserves
Gift Gilwood D	41.4	77.6	+36.2	Pool Development - Increased N & Ri
Gift Gilwood E	134.0	189.0	+55.0	Re-evaluation - Decreased N & Increased Ri
Gift Gilwood P	18.0	44.4	+26.4	Resumed Production Operations
Gift Gilwood X	3.9	26.4	+22.5	Pool Development - Increased N
Gift Gilwood CC	Conf	26.3		
Gift Slave Point K	30.3	22.2	-8.1	Re-evaluation- Decreased N & Ri
Gilby Basal Mannville GG	14.8	3.7	-11.1	Re-evaluation - Decreased N & Ri
Gilby Basal Mannville II & JJ	0.0	33.1		Establish Oil Reserves
Gilby Basal Mannville LLL	Conf	11.4		

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Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Gilby Basal Mannville OOO	Conf	2.8		
Gilby Basal Mannville RRR	Conf	15.8		
Gilby Belly River B	68.5	54.8	-13.7	Re-evaluation - Decreased Ri
Gilby Jurassic F Water Flood	706.0	546.0	-160.0	Re-evaluation - Decreased N & Ri
Gilby Mannville, Jurassic & Rundle MU No. 1	64.6	77.5	+12.9	Re-evaluation - Increased Ri
Gilby Second White Specks E	14.2	1.4	-12.8	Re-evaluation - Decreased N & Ri
Gilby Second White Specks F	23.7	8.8	-14.9	Re-evaluation - Decreased N & Ri
Gilby Upper Mannville K Primary	0.0	2.1		Declare Primary Reserves
Gilby Upper Mannville M	68.6	22.9	-45.7	Re-evaluation - Decreased Ri
Gilby Viking C	45.8	34.7	-11.1	Re-evaluation - Decreased Ri
Gilwood Gilwood F	42.4	106.0	+63.6	Pool Development - Increased N & Ri
Gilwood Gilwood H	24.0	14.4	-9.6	Re-evaluation - Decreased Ri
Giroux Lake Viking F Water Flood	0.0	262.0	+160.0	Pool Development - Increased N Enhanced Recovery Recognition
Girouxville East Granite Wash A	59.4	65.1	+5.7	Pool Development - Increased N
Gladys Lower Mannville I	18.4	16.2	-2.2	Re-evaluation - Increased N & Decreased Ri
Gladys Turner Valley D	0.0	15.6		
Gladys Viking A	0.0	7.4		
Glenevis Banff	1813.0	2252.0	+439.0	Pool Development - Increased N & Decreased Ri
Gold Creek Charlie Lake D	18.2	4.8	-13.4	Re-evaluation - Decreased N & Ri
Gold Creek Charlie Lake J	0.0	11.5		
Gold Creek Doig A	11.6	1.2	-10.4	Re-evaluation - Decreased N & Ri
Gold Creek Doig C	14.7	2.7	-12.0	Re-evaluation - Decreased Ri
Golden Spike D-1 B	0.0	9.9		Oil Reserves Declared
Gordondale Charlie Lake E	Conf	6.7		
Gordondale Doig E	13.5	1.1	-12.4	Re-evaluation - Decreased N & Ri
Gordondale Halfway N	14.5	2.6	-11.9	Re-evaluation - Decreased N & Ri
Gordondale Halfway P	Conf	5.8		
Grand Forks Lower Mannville K & V Water Flood	2245.0	2294.0	+49.0	Re-evaluation - Increased Ri
Grand Forks Sawtooth J	58.2	49.3	-8.9	Re-evaluation - Decreased Ri

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Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Grand Forks Sawtooth L	660.0	698.0	+38.0	Re-evaluation - Increased Ri
Grand Forks Sawtooth OO				
Water Flood	1289.0	1451.0	+162.0	Re-evaluation - Increased Ri
Grand Forks Sawtooth CCC	103.0	75.7	-27.3	Re-evaluation - Decreased Ri
Grand Forks Sawtooth LLL	27.6	16.5	-11.1	Re-evaluation - Decreased Ri
Grand Forks Sawtooth D2D	21.0	14.0	-7.0	Re-evaluation - Decreased Ri
Grand Forks Sawtooth Y2Y	Conf	16.0		
Grande Prairie Charlie Lake B	123.0	152.0	+29.0	Re-evaluation - Decreased N & Increased Ri
Grande Prairie Halfway V	112.0	266.0	+154.0	Pool Development - Increased N
Grande Prairie Halfway Y	Conf	26.3		
Greencourt Jurassic A & Pekisko A	488.0	598.0	+110.0	Pool Development - Increased N Coalesced Greencourt Jurassic A, H & Pekisko A Pools
Grizzly Montney A	Conf	19.7		
Grouard Gilwood A	66.4	41.5	-24.9	Re-evaluation - Decreased N & Increased Ri
Hackett Upper Mannville I	15.5	3.9	-11.6	Re-evaluation - Decreased N & Ri
Halkirk Glauconitic C	18.2	1.0	-17.2	Re-evaluation - Decreased N & Ri
Halkirk Upper Mannville D				
Primary	0.0	14.2		Establish Primary Reserves
Halkirk Upper Mannville E	20.2	6.1	-14.1	Re-evaluation - Decreased N & Ri
Halkirk Upper Mannville J	96.0	47.6	-48.4	Re-evaluation - Decreased N & Ri
Halkirk Upper Mannville Q				
Primary	184.0	24.4	-159.6	Re-evaluation - Decreased N
Water Flood	0.0	227.0	+227.0	Enhanced Recovery Recognition
Halkirk Upper Mannville R	1007.0	1450.0	+443.0	Re-evaluation - Increased Ri
Halkirk East Ellerslie A	376.0	261.0	-115.0	Re-evaluation - Decreased N & Ri
Halkirk East Ellerslie F	322.0	301.3	-20.7	Re-evaluation - Decreased N & Ri
Halkirk East Ellerslie L	40.0	16.3	-23.7	Re-evaluation - Decreased N & Ri
Harmattan East Lower Mannville A	0.0	7.9		
Harmattan East Rundle				
Primary	228.0	288.0	+60.0	Pool Development - Increased N
Haro Keg River A	2.0	111.0	+109.0	Re-evaluation - Increased Ri
Haynes D-2 A & D-3 A	628.0	703.0	+75.0	Re-evaluation - Increased Ri
Haynes D-3 B	58.4	42.8	-15.6	Re-evaluation - Decreased Ri
Hays Arcs S	25.5	115.0	+89.5	Pool Development - Increased N

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Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Hays Livingstone A	0.0	3.3		
Hays Lower Mannville O	180.0	166.5	-13.5	Re-evaluation - Decreased Ri
Hays Sawtooth G	7.7	11.3	+3.6	Re-evaluation - Increased Ri
Hayter Cummings A	1.1	62.4	+61.3	Resumed Production Operations
Hayter Dina B	4545.0	5389.0	+844.0	Re-evaluation - Decreased N & Increased Ri
Hayter Dina D	58.7	33.5	-25.2	Re-evaluation - Decreased Ri
Hayter Dina H	5.0	70.5	+65.5	Pool Development - Increased N & Ri
Hayter Dina U	Conf	9.9		
Hayter General Petroleum A	21.8	10.9	-10.9	Re-evaluation - Decreased Ri
Hayter Sparky D & E	158.0	164.0	+6.0	Re-evaluation - Decreased N & Increased Ri
Hayter Sparky Z	15.8	40.2	+24.4	Pool Development - Increased N
Hayter Sparky AA	0.0	4.3		
Heathdale Detrital D	Conf	8.9		
Heathdale Detrital F	Conf	10.1		
Heathdale Detrital H	Conf	7.2		
Heathdale Detrital I	Conf	10.1		
Heathdale Lower Mannville B	2.2	2.0	-0.2	Re-evaluation - Decreased N
Hector Upper Mannville D	14.1	4.0	-10.1	Re-evaluation - Decreased N & Ri
Hercules Wabamun A	22.5	16.8	-5.7	Re-evaluation - Decreased N & Ri
Herronton Ellerslie B	11.8	3.0	-8.8	Re-evaluation - Decreased N & Ri
Herronton Ellerslie C	Conf	70.5		
Herronton Turner Valley B	132.0	117.0	-15.0	Re-evaluation - Decreased Ri
High Prairie Gilwood D	2.0	5.9	+3.9	Resumed Production Operations
High Prairie Gilwood O	1.3	3.0	+1.7	Resumed Production Operations
High Prairie Gilwood P	Conf	33.9		
Highvale Lower Mannville Z	Conf	6.9		
Homeglen-Rimbey Belly River B	7.4	0.0	-7.4	Coalesced with Ferrybank Belly River C, G & H Pools
Horsefly Lake Mannville Primary	83.2	173.0	+89.8	Coalesced Horsefly Lake Mannville & Taber South Mannville O Pools
Hussar Basal Mannville S	0.0	19.6		Establish Primary Reserves
Hussar Basal Mannville AAA	24.6	12.3	-12.3	Re-evaluation - Decreased N & Ri
Hussar Basal Mannville JJJ	34.1	54.6	+20.5	Pool Development - Increased N

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Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Hussar Glauconitic G3G	0.0	6.6		
Hussar Glauconitic H3H	Conf	15.0		
Hussar Glauconitic I3I	Conf	29.3		
Hutch Slave Point B	127.0	51.0	-76.0	Re-evaluation - Decreased Ri
Huxley Upper Mannville J	Conf	63.4		
Islay Sparky C	Conf	8.8		
Jenner Lower Mannville E	0.0	7.3		
Jenner Pekisko I	22.4	3.5	-18.9	Re-evaluation - Decreased Ri
Jenner Upper Mannville F	521.0	723.0	+202.0	Re-evaluation - Increased N & Ri
Jenner Upper Mannville X	37.4	177.0	+139.6	Pool Development - Increased N & Decreased Ri
Jenner Upper Mannville LL	172.0	156.5	-15.5	Re-evaluation - Decreased Ri
Jenner Upper Mannville MM	137.0	328.0	+191.0	Pool Development - Increased N & Decreased Ri
Jenner Upper Mannville YY	16.7	3.1	-13.6	Re-evaluation - Decreased Ri
Jenner Upper Mannville MMM	55.4	172.0	+116.6	Pool Development - Increased N
Jenner Upper Mannville ZZZ	11.0	1.1	-9.9	Re-evaluation - Decreased Ri
Jenner Upper Mannville A2A	16.7	194.0	+177.3	Pool Development - Increased N & Ri
Jenner Upper Mannville E2E	58.0	272.0	+214.0	Pool Development - Increased N & Ri
Joan Granite Wash A	5.5	7.0	+1.5	Re-evaluation - Increased Ri
Joarcam Viking Primary	6736.0	7467.0	+731.0	Pool Development - Increased N
Joffre Blairmore CC	4.2	0.4	-3.8	Pool Abandoned
Joffre Blairmore LL	0.0	6.3		
Joffre Viking H	22.0	12.3	-9.7	Re-evaluation - Decreased Ri
Joffre Viking I	148.0	206.0	+58.0	Re-evaluation - Increased Ri
Johnson Glauconitic C Water Flood	235.0	330.0	+95.0	Re-evaluation - Increased Ri
Johnson Glauconitic E Water Flood	84.6	93.6	+9.0	Re-evaluation - Increased Ri
Johnson Glauconitic H Water Flood	511.0	686.0	+175.0	Re-evaluation - Increased Ri
Johnson Glauconitic J Water Flood	106.0	117.0	+11.0	Re-evaluation - Increased Ri
Jumpbush Upper Mannville F Primary Water Flood	133.0 221.0	1.4 329.0	-131.6 +108.0	Re-evaluation - Decreased N & Ri Re-evaluation - Increased N & Decreased Ri

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Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Jumpbush Upper Mannville N Water Flood	57.0	105.0	+48.0	Enhanced Recovery Recognition
Jumpbush Upper Mannville U	Conf	20.4		
Kakwa Main Cardium A	225.0	399.0	+174.0	Pool Development - Increased N & Ri
Kakwa Main Cardium E	11.3	0.1	-11.2	Re-evaluation - Decreased N & Ri
Karr Beaverhill Lake A	286.0	536.0	+250.0	Re-evaluation - Increased N
Karr Nikanassin A	16.8	6.3	-10.5	Re-evaluation - Decreased N & Ri
Kaybob Gething O	46.1	73.7	+27.6	Re-evaluation - Decreased N & Increased Ri
Kaybob Gething Y	0.0	16.2		Establish Oil Reserves
Kaybob Triassic E	Conf	13.1		
Kaybob South Bluesky D & V	15.0	150.0	+135.0	Pool Development - Increased N & Ri
Kaybob South Bluesky X	0.0	8.6		
Kaybob South Dunvegan H	0.0	3.6		
Kaybob South Nisku C	140.0	70.2	-69.8	Re-evaluation - Decreased Ri
Kaybob South Triassic D	16.3	4.1	-12.2	Re-evaluation - Decreased N & Ri
Keho Colorado A	28.8	34.9	+6.1	Resumed Production Operations
Keho Colorado C	11.1	12.8	+1.7	Pool Development - Increased N
Kelsey Lower Mannville B	119.0	225.0	+106.0	Re-evaluation - Decreased N & Increased Ri
Kidney Keg River B	720.0	800.0	+80.0	Re-evaluation - Increased Ri
Kidney Keg River L	33.6	25.2	-8.4	Re-evaluation - Decreased N & Ri
Kidney Keg River S	14.6	3.8	-10.8	Re-evaluation - Decreased N & Increased Ri
Kidney Keg River MM	38.6	21.3	-17.3	Re-evaluation - Decreased N & Increased Ri
Kidney Keg River NN	59.3	27.6	-31.7	Re-evaluation - Decreased N & Ri
Kidney Keg River TT	45.8	32.3	-13.5	Re-evaluation - Decreased N & Ri
Kidney Keg River WWW	20.4	5.1	-15.3	Re-evaluation - Decreased N & Ri
Killam Ellerslie CC	17.7	24.1	+6.4	Resumed Production Operations
Killam Ellerslie JJ	49.4	11.3	-38.1	Re-evaluation - Decreased Ri
Killam Ellerslie NN	554.0	625.0	+71.0	Re-evaluation - Increased Ri
Killam Ellerslie UU	Conf	39.1		
Killam Glauconitic MMM	0.0	16.9		
Kitty Granite Wash G	17.2	50.8	+33.6	Re-evaluation - Decreased N & Increased Ri
Kitty Granite Wash H	96.2	39.3	-56.9	Re-evaluation - Decreased N & Increased Ri
Kitty Granite Wash I	67.0	9.2	-57.8	Re-evaluation - Decreased N & Ri

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Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Kitty Granite Wash K	32.4	6.5	-25.9	Re-evaluation - Decreased N & Ri
Kitty Slave Point A	20.7	34.5	+13.8	Resumed Production Operations
Lanaway Elkton C	Conf	11.5		
Lanaway Pekisko D	0.0	21.2		
Larne Keg River D	62.8	147.0	+84.2	Resumed Production Operations
Larne Keg River GG	6.8	4.7	-2.1	Pool Abandoned
Larne Keg River HH	37.5	25.5	-12.0	Re-evaluation - Decreased Ri
Larne Keg River NN	29.3	10.5	-18.8	Re-evaluation - Decreased N & Ri
Larne Keg River OO	32.8	13.1	-19.7	Re-evaluation - Decreased Ri
Larne Keg River RR	67.2	24.3	-42.9	Re-evaluation - Decreased N & Ri
Larne Keg River SS	53.7	9.5	-44.2	Re-evaluation - Decreased N & Ri
Larne Keg River UU	16.0	2.5	-13.5	Re-evaluation - Decreased N & Ri
Lathom Lower Mannville D	4.0	2.3	-1.7	Pool Abandoned
Lathom Upper Mannville N Water Flood	77.4	27.5	-49.9	Re-evaluation - Decreased Ri
Latornell Dunvegan A	16.4	3.3	-13.1	Re-evaluation - Decreased Ri
Leahurst Glauconitic B Primary Water Flood	 0.0 540.0	 43.3 981.0	 +441.0	 Declare Primary Reserves Re-evaluation - Increased N
Leahurst Glauconitic I	0.0	2.8		
Leahurst Mannville V	20.7	35.3	+14.6	Pool Development - Increased N
Leaman Pekisko D	Conf	5.7		
Leduc-Woodbend Blairmore A	279.2	281.0	+1.8	Resumed Production Operations
Leduc-Woodbend Blairmore B	2.1	3.3	+1.2	Resumed Production Operations
Leduc-Woodbend Blairmore Q	10.1	23.3	+13.2	Pool Development - Increased N
Leduc-Woodbend Blairmore FFF	Conf	11.9		
Leduc-Woodbend Blairmore GGG	0.0	162.0		
Leduc-Woodbend D-1 A	4.1	29.9	+25.8	Resumed Production Operations
Leduc-Woodbend D-1 F	0.0	12.8		
Leduc-Woodbend D-2 D	61.7	64.7	+3.0	Re-evaluation - Increased Ri
Leduc-Woodbend D-2 I	0.0	10.2		
Leduc-Woodbend D-3 F	590.0	580.0	-10.0	Re-evaluation - Decreased Ri
Leduc-Woodbend D-3 M	0.1	2.1	+2.0	Resumed Production Operations

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Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Leduc-Woodbend D-3 O	28.0	8.4	-19.6	Re-evaluation - Decreased N & Ri
Leduc-Woodbend Upper Mannville A	0.0	28.5		
Leo Upper Mannville A	46.3	61.8	+15.5	Re-evaluation - Increased Ri
Leo Upper Mannville E	14.4	4.8	-9.6	Re-evaluation - Decreased N & Ri
Leo Upper Mannville H	20.7	3.4	-17.3	Re-evaluation - Decreased N & Ri
Lessard Keg River C	9.8	25.1	+15.3	Resumed Production Operations
Little Bow Lower Mannville P	8.0	2.1	-5.9	Pool Abandoned
Little Bow Upper Mannville F	19.2	12.4	-6.8	Re-evaluation - Increased N & Decreased Ri
Little Bow Upper Mannville G Primary Water Flood	 22.9 450.0	 81.8 379.0	 +58.9 -71.0	 Pool Development - Increased N & Ri Re-evaluation - Decreased N
Little Bow Upper Mannville L & Lower Mannville MM Primary	29.5	27.7	-1.8	Re-evaluation - Decreased N
Little Bow Upper Mannville S	240.0	600.0	+360.0	Enhanced Recovery Recognition
Little Bow Upper Mannville W Primary	11.0	64.7	+53.7	Pool Development - Increased N & Decreased Ri
Little Bow Upper Mannville MM Water Flood	184.0	240.0	+56.0	Re-evaluation - Increased Ri
Little Bow Upper Mannville DDD	Conf	209.0		
Little Bow Upper Mannville EEE	Conf	5.1		
Little Horse Gilwood K	33.7	16.9	-16.8	Re-evaluation - Decreased N & Ri
Little Horse Gilwood P	228.0	304.0	+76.0	Re-evaluation - Increased Ri
Little Horse Gilwood Q	41.8	11.9	-29.9	Re-evaluation - Decreased N & Ri
Little Horse Gilwood S	80.3	13.0	-67.3	Re-evaluation - Decreased N & Ri
Little Horse Gilwood T	30.0	5.4	-24.6	Re-evaluation - Decreased N & Ri
Little Horse Gilwood W	49.8	14.9	-34.9	Re-evaluation - Decreased N & Ri
Little Horse Gilwood HH	Conf	17.0		
Little Horse Gilwood II	Conf	10.3		
Little Horse Gilwood JJ	Conf	16.9		
Little Horse Gilwood KK	Conf	17.0		
Little Horse Gilwood LL	0.0	9.4		
Little Horse Gilwood MM	Conf	11.1		
Lloydminster General Petroleum Z	0.1	1.3	+1.2	Re-evaluation - Increased N & Decreased Ri
Lloydminster General Petroleum PP	0.0	9.9		

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Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Lloydminster General Petroleum QQ	Conf	16.9		
Lloydminster General Petroleum RR	0.0	1.1		
Lloydminster Lloydminster M	108.0	86.0	-22.0	Re-evaluation - Decreased Ri
Lloydminster Lloydminster R	0.0	17.2		
Lloydminster McLaren N	0.0	14.6		
Lloydminster Sparky C & General Petroleum A	1705.0	1747.0	+42.0	Re-evaluation - Decreased N & Increased Ri
Lloydminster Sparky I & General Petroleum K	416.0	831.0	+415.0	Pool Development - Increased N & Ri
Lloydminster Sparky P	10.4	13.0	+2.6	Resumed Production Operations
Lloydminster Sparky FFF	0.9	10.8	+9.9	Resumed Production Operations
Lloydminster Sparky TTT	4.5	31.4	+26.9	Pool Development - Increased N & Ri
Lloydminster Sparky YYY	0.1	1.5	+1.4	Resumed Production Operations
Lloydminster Sparky ZZZ	87.0	291.0	+204.0	Pool Development - Increased N
Lloydminster Sparky M3M	Conf	51.7		
Lochend Cardium G	15.0	6.0	-9.0	Re-evaluation - Decreased N & Ri
Lochend Cardium M	14.4	24.1	+9.7	Re-evaluation - Increased Ri
Long Coulee Glauconitic SS	Conf	8.4		
Long Coulee Glauconitic TT	12.5	27.0	+14.5	Pool Development - Increased N
Long Coulee Sunburst N	26.1	11.5	-14.6	Re-evaluation - Decreased N & Ri
Loon Granite Wash E	335.0	355.0	+20.0	Re-evaluation - Decreased N & Increased Ri
Loon Granite Wash M	15.7	18.7	+3.0	Re-evaluation - Decreased N & Increased Ri
Loon Granite Wash W	Conf	24.0		
Loon Granite Wash X	0.0	10.6		New Pool - Previously in Loon Slave Point C & Granite Wash B
Loon Slave Point A & Granite Wash J Primary	195.0	241.0	+46.0	Re-evaluation - Increased Ri
Loon Slave Point C & Granite Wash B	182.0	202.0	+20.0	Re-evaluation - Decreased N & Increased Ri
Lubicon Granite Wash E	12.6	0.7	-11.9	Re-evaluation - Decreased N & Ri
Majeau Lower Mannville F	11.0	21.8	+10.8	Re-evaluation - Increased N & Ri
Majorville Upper Mannville B	381.0	419.0	+38.0	R-evaluation - Increased Ri
Majorville Upper Mannville P	2.5	5.1	+2.6	Resumed Production Operations
Malmo D-3 F	0.0	36.5		

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Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Mannville Upper Mannville J2J	Conf	2.7		
Manola Lower Mannville E	82.0	65.6	-16.4	Re-evaluation - Decreased Ri
Manola Lower Mannville H	17.3	5.2	-12.1	Re-evaluation - Decreased N & Ri
Manola Lower Mannville L	40.1	59.5	+19.4	Pool Development - Increased N
Manola Lower Mannville M	15.2	0.8	-14.4	Re-evaluation - Decreased N & Ri
Manola Lower Mannville N	16.5	0.6	-15.9	Re-evaluation - Decreased N & Ri
Manola Lower Mannville P	Conf	5.5		
Manola Lower Mannville Q	Conf	5.9		
Manyberries Sunburst O Primary Water Flood	0.0 350.0	39.6 313.0	 -37.0	Establish Primary Reserves Re-evaluation - Decreased Ri Coalesced Manyberries Sunburst O & KKK Pools
Manyberries Sunburst Q Primary Water Flood	 102.0 1122.0	 125.0 1254.0	 +23.0 +132.0	 Pool Development - Increased N & Decreased Ri Re-evaluation - Increased Ri
Manyberries Sunburst HH	22.5	0.8	-21.7	Re-evaluation - Decreased N & Ri
Manyberries Sunburst II	57.6	88.2	+30.6	Pool Development - Increased N
Manyberries Sunburst JJ Primary	 132.0	 176.0	 +44.0	 Pool Develoment - Increased Ri
Manyberries Sunburst KK	229.0	258.0	+29.0	Re-evaluation - Increased N & Decreased Ri
Manyberries Sunburst MMM	37.9	72.4	+34.5	Pool Development - Increased N & Ri
Manyberries Sunburst NNN	Conf	51.4	-11.5	Coalesced Manyberries Sunburst AA & NNN Pools
Marlowe Keg River A	38.4	362.0	+259.8	Coalesced Marlowe Keg River A & B Pools
Marsh Belly River A	0.0	17.9		
Marwayne General Petroleum A	39.0	58.3	+19.3	Pool Development - Increased N & Decreased Ri
Marwayne Sparky D	80.7	454.0	+227.3	Coalesced Marwayne Sparky D&G Pools
Marwayne Sparky H	Conf	15.0		
Matziwin Glauconitic A & Pekisko D	0.0	132.0	+5.0	Pools Commingled
Matziwin Glauconitic B	18.7	9.4	-9.3	Re-evaluation - Decreased N & Ri
Matziwin Lower Mannville F	20.0	10.0	-10.0	Re-evaluation - Decreased Ri
Matziwin Upper Mannville C	0.0	6.5		
McLeod Banff A	Conf	26.7		
McLeod Bluesky E	Conf	7.6		
McLeod Gething CC	Conf	15.1		
McLeod Rock Creek C	8.0	3.1	-4.9	Pool Abandoned

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Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Medicine Hat Glauconitic G	118.0	188.0	+70.0	Re-evaluation - Increased Ri
Medicine Hat Glauconitic H	155.0	309.0	+154.0	Pool Development - Increased N
Medicine Hat Lower Mannville A	19.5	116.0	+77.4	Coalesced Medicine Hat Lower Mannville A & C Pools
Medicine River Basal Quartz D	18.7	23.8	+5.1	Resumed Production Operations
Medicine River Basal Quartz K	34.4	49.2	+14.8	Re-evaluation - Increased N & Ri
Medicine River Basal Quartz BB	26.8	18.8	-8.0	Re-evaluation - Decreased Ri
Medicine River Cardium C	0.0	5.7		
Medicine River D-3 C	45.6	33.4	-12.2	Re-evaluation - Decreased Ri
Medicine River Jurassic O	121.0	191.0	+70.0	Pool Development - Increased N & Ri
Medicine River Jurassic R & X	151.0	390.0	+239.0	Pool Development - Increased N
Medicine River Jurassic Y	29.0	5.8	-23.2	Re-evaluation - Decreased N & Ri
Medicine River Jurassic CC	41.0	13.6	-27.4	Re-evaluation - Decreased N & Ri
Medicine River Ostracod B	92.2	106.0	+13.8	Re-evaluation - Increased Ri
Medicine River Ostracod S	13.3	14.4	+1.1	Re-evaluation - Increased Ri
Medicine River Pekisko X	0.0	3.7		New Pool - Previously in Medicine River Pekisko N
Meekwap D-2 G	0.0	24.2		
Michichi Banff F	19.9	12.4	-7.5	Re-evaluation - Decreased N & Ri
Mikwan Upper Mannville G	19.3	11.6	-7.7	Re-evaluation - Decreased Ri
Mikwan Upper Mannville H	34.1	34.5	+0.4	Pool Development - Increased N & Decreased Ri
Mikwan Viking O	Conf	6.3		
Minnehik-Buck Lake Belly River E	25.0	12.5	-12.5	Re-evaluation - Decreased N & Ri
Minnehik-Buck Lake Belly River F	53.8	77.7	+23.9	Pool Development - Increased N
Minnehik-Buck Lake Cardium E	16.0	8.0	-8.0	Re-evaluation - Decreased N & Ri
Minnehik-Buck Lake Ostracod E & F	13.6	2.7	-10.9	Re-evaluation - Decreased N & Ri
Monitor Upper Mannville F	0.0	17.7		
Mooney Bluesky A	53.7	30.4	-23.3	Re-evaluation - Decreased Ri
Morgan Dina A	0.2	8.0	+7.8	Resumed Production Operations
Morgan Lloydminster D	1.6	0.0	-1.6	Coalesced with Morgan Sparky A, Lloydminster A & Rex A
Morinville D-3 L	Conf	51.5		
Morinville D-3 M	Conf	5.3		
Morinville D-3 O	Conf	4.8		

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Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Morinville Lower Mannville II	Conf	6.8		
Morinville Lower Mannville JJ	0.0	14.1		
Morningside Ellerslie N	28.4	7.1	-21.3	Re-evaluation - Decreased Ri
Mossleigh Glauconitic A	33.2	54.5	+21.3	Re-evaluation - Decreased N & Increased Ri
Mossleigh Glauconitic B	0.0	11.7		
Mossleigh Lower Mannville C	73.9	18.5	-55.4	Re-evaluation - Decreased N & Ri
Mulligan Charlie Lake B	32.9	43.8	+10.9	Re-evaluation - Increased Ri
Mulligan Charlie Lake D	0.0	27.9		
Nelson Upper Mannville F	0.0	4.1		
New Norway D-2	1400.0	1335.0	-65.0	Re-evaluation - Decreased Ri
Nipisi Gilwood G	15.1	19.6	+4.5	Coalesced Nipisi Gilwood F & G Pools
Nipisi Gilwood M	Conf	46.7		
Nipisi Gilwood N	Conf	43.0		
Nipisi Keg River Sandstone U	Conf	37.0		
Nipisi Slave Point C	21.8	8.7	-13.1	Re-evaluation - Decreased N & Ri
Niton Cardium G	28.1	37.4	+9.3	Re-evaluation - Increased Ri
Niton Rock Creek H	219.0	225.0	+6.0	Pool Development - Increased N
Niton Rock Creek P	0.0	3.4		
Normandville D-1 G	67.2	33.6	-33.6	Re-evaluation - Decreased N & Ri
Normandville Mississippian E	13.0	16.5	+3.5	Pool Development - Increased N & Decreased Ri
Normandville Mississippian F	6.9	64.0	+57.1	Pool Development - Increased N & Ri
Norris Upper Mannville H	58.8	175.0	+116.2	Pool Development - Increased N
Northville Rock Creek B	Conf	20.0		
O'Chiese Second White Specks A	0.0	4.4		
Ogston Granite Wash E	20.5	30.7	+10.2	Re-evaluation - Increased Ri
Ogston Granite Wash K	31.2	41.6	+10.4	Re-evaluation - Increased Ri
Otter Granite Wash D	4.6	7.5	+2.9	Resumed Production Operations
Otter Granite Wash F	691.0	829.0	+138.0	Re-evaluation - Increased Ri
Otter Granite Wash K	109.0	46.7	-62.3	Re-evaluation - Decreased N & Increased Ri
Otter Granite Wash U	40.2	21.2	-19.0	Re-evaluation - Decreased N & Ri
Otter Granite Wash KK	26.9	33.7	+6.8	Re-evaluation - Increased Ri
Otter Granite Wash LL	38.7	9.1	-29.6	Re-evaluation - Decreased N & Ri

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Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Otter Granite Wash QQ	51.0	12.7	-38.3	Re-evaluation - Decreased N & Ri
Otter Granite Wash TT	18.2	37.6	+19.4	Re-evaluation - Increased N & Ri
Paddle River Jurassic, Detrital & Rundle	12.6	223.0	+6.8	Coalesced Paddle River Jurassic, Detrital & Rundle
Paddle River Ostracod A	Conf	14.3		
Pakowki Lake Sunburst B	53.5	37.5	-16.0	Re-evaluation - Decreased Ri
Panny Keg River R	65.1	58.7	-6.4	Re-evaluation - Decreased N & Increased Ri
Panny Keg River II	0.0	17.7		
Parflesh Upper Mannville I & Lower Mannville B & F	4.3	5.6	+1.3	Pools Commingled
Parflesh Upper Mannville D	32.8	20.2	-12.6	Re-evaluation - Decreased Ri
Parflesh Upper Mannville J	0.0	11.1		New Pool - Previously in Parflesh Upper Mannville G
Peacock Barons B	Conf	13.7		
Peco Belly River C,H,J,K & O	273.0	328.0	+55.0	Re-evaluation - Inceased Ri
Peco Gething B	18.5	8.3	-10.2	Re-evaluation - Decreased N & Ri
Pembina Belly River FFF, GGG, K2K & S2S Primary	178.0	413.0	+235.0	Pool Development - Increased N & Ri
Pembina Cardium T	82.1	48.3	-33.8	Re-evaluation - Increased N & Decreased Ri
Pembina Cardium AA	Conf	13.2		
Pembina Ellerslie HH	4.6	16.2	+11.6	Pool Development - Increased N & Decreased Ri
Pembina Ellerslie SS	Conf	3.9		
Pembina Ellerslie WW	Conf	11.2		
Pembina Ellerslie YY	Conf	12.0		
Pembina Ellerslie BBB	Conf	6.7		
Pembina Ellerslie CCC & Jurassic Q	11.9	12.1	+0.2	Pools Commingled
Pembina Glauconitic DD	17.4	4.4	-13.0	Re-evaluation - Decreased N & Ri
Pembina Glauconitic EE	13.1	3.3	-9.8	Re-evaluation - Decreased N
Pembina Glauconitic KK	14.4	4.8	-9.6	Re-evaluation - Decreased N & Ri
Pembina Glauconitic OO	29.1	5.8	-23.3	Re-evaluation - Decreased N & Ri
Pembina Glauconitic RR	3.5	0.2	-3.3	Pool Abandoned
Pembina Jurassic A	20.7	74.4	+53.7	Pool Development - Increased N & Ri
Pembina Jurassic T	18.5	8.0	-10.5	Re-evaluation - Decreased N & Ri
Pembina Jurassic KK	20.2	5.1	-15.1	Re-evaluation - Decreased N & Ri

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Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Pembina Jurassic RR	8.9	1.2	-7.7	Pool Abandoned
Pembina Jurassic QQQ	Conf	28.7		
Pembina Jurassic SSS	0.0	3.4	+3.4	Declare Oil Reserves
Pembina Nisku A Solvent Flood	2340.0	2430.0	+90.0	Re-evaluation - Increased Ri
Pembina Nisku C Water Flood	900.0	930.0	+30.0	Re-evaluation - Increased Ri
Pembina Nisku G Solvent Flood	2120.0	2306.0	+186.0	Re-evaluation - Increased Ri
Pembina Nisku I Water Flood	375.0	398.0	+23.0	Re-evaluation - Increased Ri
Pembina Nisku K Solvent Flood	2210.0	2288.0	+78.0	Re-evaluation - Increased Ri
Pembina Nisku N Water flood	832.0	1120.0	+288.0	Re-evaluation - Increased Ri
Pembina Nisku P Solvent Flood	3315.0	3443.0	+128.0	Re-evaluation - Increased Ri
Pembina Nisku AA	40.4	20.1	-20.3	Re-evaluation - Decreased N
Pembina Ostracod E Primary Water Flood	33.0 1305.0	102.0 1374.0	+69.0 +69.0	Re-evaluation - Increased N & Decreased Ri Re-evaluation - Increased Ri
Pembina Pekisko E	0.0	18.4		
Penhold Lower Mannville A	74.5	62.0	-12.5	Re-evaluation - Decreased Ri
Pine Creek Cardium O	15.7	2.1	-13.6	Pool Abandoned
Pine Creek Cardium Y	Conf	13.1		
Pine Creek Gething G	0.0	9.3		
Pine Creek Gething H	0.0	12.4		
Pouce Coupe Halfway B	0.2	6.2	+6.0	Resumed Production Operations
Pouce Coupe South Baldonnel D	Conf	18.3		
Pouce Coupe South Boundary H	62.5	81.8	+19.3	Pool Development - Increased N
Pouce Coupe South Charlie Lake D	7.2	43.2	+36.0	Pool Development - Increased N & Ri
Pouce Coupe South Doig I	0.0	3.0		
Pouce Coupe South Halfway C	67.8	102.0	+34.2	Pool Development - Increased N
Pouce Coupe South Halfway H & Doig G	22.0	54.1	-11.0	Pools Commingled
Princess Basal Mannville O	8.5	1.9	-6.6	Pool Abandoned
Princess Basal Mannville HH	Conf	8.9		

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Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Progress Halfway P Primary	0.0	98.9		Establish Primary Reserves
Provost Banff C	Conf	6.7		
Provost Blairmore	789.0	894.0	+105.0	Re-evaluation - Increased Ri
Provost Blairmore B	2314.0	2639.0	+325.0	Pool Development - Increased N
Provost Colony I	15.2	3.7	-11.5	Re-evaluation - Decreased N & Ri
Provost Colony W	0.0	3.7		
Provost Cummings A	958.0	1119.0	+161.0	Re-evaluation - Increased Ri & Decreased N
Provost Cummings I	3882.0	5841.0	+1959.0	Re-evaluation - Increased N & Ri
Provost Cummings S	394.0	514.0	+120.0	Pool Development - Increased N
Provost Cummings T & Dina W	357.0	393.0	+36.0	Re-evaluation - Increased Ri
Provost Cummings EE	39.8	62.0	+22.2	Re-evaluation - Decreased N & Increased Ri
Provost Cummings HH	40.0	43.2	+3.2	Re-evaluation - Increased Ri
Provost Cummings LL & Lower Mannville VV	1.3	3.1	+1.8	Resumed Production Operations
Provost Cummings ZZ	8.4	12.4	+4.0	Pool Development - Increased N
Provost Cummings NNN	102.0	56.1	-45.9	Re-evaluation - Decreased Ri
Provost Cummings OOO, PPP, & Dina E4E	55.7	4.6	-51.1	Re-evaluation - Decreased Ri
Provost Cummings TTT	55.8	20.7	-35.1	Re-evaluation - Decreased Ri
Provost Cummings XXX	0.2	6.6	+6.4	Resumed Production Operations
Provost Cummings Q2Q	14.3	1.1	-13.2	Re-evaluation - Decreased Ri
Provost Cummings U2U	12.1	1.2	-10.9	Re-evaluation - Decreased Ri
Provost Cummings W2W	51.6	85.8	+34.2	Pool Development - Increased N
Provost Cummings Y2Y	2.5	1.2	-1.3	Pool Abandoned
Provost Cummings I3I	11.3	0.1	-11.2	Re-evaluation - Decreased N & Ri
Provost Cummings K3K	26.4	1.3	-25.1	Re-evaluation - Decreased Ri
Provost Cummings T3T	Conf	1.2		
Provost Cummings U3U	16.8	0.5	-16.3	Re-evaluation - Decreased Ri
Provost Cummings V3V	Conf	6.0		
Provost Cummings W3W Primary Water Flood	0.0 0.0	31.2 247.0	+247.0	Enhanced Recovery Recognition
Provost Cummings X3X	Conf	9.2		

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Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Provost Cummings Y3Y	Conf	11.0		
Provost Cummings Z3Z	0.0	1.2		
Provost Cummings A4A	0.0	391.0		
Provost Cummings B4B	Conf	3.6		
Provost Cummings C4C	Conf	20.0		
Provost Cummings D4D	0.0	4.1		
Provost Cummings H4H	Conf	9.6		
Provost Cummings I4I	0.0	4.2		
Provost Cummings J4J	0.0	2.7		
Provost Cummings K4K	0.0	1.9		
Provost Cummings M4M	0.0	3.1		
Provost Cummings N4N	0.0	21.1		
Provost Dina I	0.1	0.0	-0.1	Coalesced Provost Dina I & R2R Pools
Provost Dina R	48.1	19.0	-29.1	Re-evaluation - Decreased Ri
Provost Dina S	1596.0	2102.0	+229.0	Coalesced Provost Dina S, Z & Z3Z Pools
Provost Dina U	27.2	12.2	-15.0	Re-evaluation - Decreased Ri
Provost Dina BB	24.4	12.2	-12.2	Re-evaluation - Decreased Ri
Provost Dina DD	64.8	45.3	-19.5	Re-evaluation - Decreased N & Ri
Provost Dina JJ	58.5	87.8	+29.3	Re-evaluation - Increased Ri
Provost Dina OO	65.4	204.0	+138.6	Pool Development - Increased N & Ri
Provost Dina GGG	114.0	85.2	-28.8	Re-evaluation - Decreased Ri
Provost Dina PPP	914.0	1274.0	+360.0	Re-evaluation - Decreased N & Increased Ri
Provost Dina RRR	37.8	30.2	-7.6	Re-evaluation - Decreased Ri
Provost Dina VVV	122.0	155.0	+33.0	Pool Development - Increased N
Provost Dina B2B	85.0	119.0	+34.0	Re-evaluation - Increased Ri
Provost Dina L2L & S2S	279.0	223.1	-55.9	Re-evaluation - Decreased Ri
Provost Dina M2M	4.4	5.9	+1.5	Re-evaluation - Increased Ri
Provost Dina O2O	141.0	195.0	+54.0	Pool Development - Increased N
Provost Dina F3F	111.0	227.0	+116.0	Pool Development - Increased N
Provost Dina U3U	343.0	510.0	+167.0	Re-evaluation - Increased N & Ri
Provost Dina W4W Primary	230.0	392.0	+162.0	Re-evaluation - Decreased N & Increased Ri
Provost Dina Y4Y	26.1	13.2	-12.9	Re-evaluation - Decreased Ri

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Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Provost Dina Z4Z	0.1	1.0	+0.9	Resumed Production Operations
Provost Dina E6E	154.0	60.8	-93.2	Re-evaluation - Decreased N & Ri
Provost Dina L6L	87.9	83.3	-4.6	Re-evaluation - Decreased N & Increased Ri
Provost Dina N6N	9.4	18.6	+9.2	Pool Development - Increased N
Provost Dina A7A	14.0	49.1	+35.1	Re-evaluation - Increased N
Provost Dina D7D	11.6	0.7	-10.9	Re-evaluation - Decreased Ri
Provost Dina F7F	16.5	1.7	-14.8	Re-evaluation - Decreased Ri
Provost Dina G7G	Conf	34.0		
Provost Dina H7H	3.5	133.0	+116.0	Coalesced Provost Dina H7H & J7J Pools
Provost Dina I7I	Conf	3.9		
Provost Dina K7K	Conf	6.4		
Provost Dina L7L	Conf	5.1		
Provost Dina N7N	Conf	28.8		
Provost Dina P7P	Conf	7.6		
Provost Dina S7S	0.0	200.0		
Provost Dina T7T	0.0	5.0		
Provost Ellerslie G	18.6	28.6	+10.0	Pool Development - Increased N
Provost Ellerslie U	386.0	417.0	+31.0	Re-evaluation - Decreased N & Increased Ri
Provost Ellerslie II	11.3	0.4	-10.9	Re-evaluation - Decreased N & Ri
Provost Ellerslie KK	19.7	0.4	-19.3	Pool Abandoned
Provost Ellerslie MM	3.2	1.0	-2.2	Pool Abandoned
Provost Ellerslie PP	8.6	57.1	+46.9	Coalesced Provost Ellerslie PP & QQ Pools
Provost Ellerslie SS	17.5	6.6	-10.9	Re-evaluation - Decreased Ri
Provost Ellerslie XX	15.4	2.7	-12.7	Re-evaluation - Decreased Ri
Provost Ellerslie B2B	Conf	10.4		
Provost Ellerslie F2F	Conf	23.2		
Provost Ellerslie H2H	Conf	8.3		
Provost Ellerslie I2I	Conf	67.5		
Provost General Petroleum D	Conf	11.8		
Provost General Petroleum E	Conf	20.3		
Provost Glauconitic C	41.5	16.0	-25.5	Re-evaluation - Decreased N & Ri
Provost Glauconitic D	27.5	9.9	-17.6	Re-evaluation - Decreased Ri

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Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Provost Glauconitic H	2.5	4.5	+2.0	Re-evaluation - Increased Ri
Provost Glauconitic CC	Conf	22.2		
Provost Glauconitic EE	Conf	12.1		
Provost Glauconitic FF	Conf	7.8		
Provost Glauconitic GG	0.0	9.9		
Provost Lloydminster O Water Flood	4358.0	4954.0	+596.0	Re-evaluation - Increased Ri
Provost Lloydminster AA	315.0	250.0	-65.0	Re-evaluation - Decreased N & Increased Ri
Provost Lloydminster LL	101.0	65.7	-35.3	Re-evaluation - Decreased Ri
Provost Lloydminster MM	230.0	440.0	+210.0	Pool Development - Increased N
Provost Lloydminster NN	33.0	41.3	+8.3	Re-evaluation - Increased Ri
Provost Lloydminster UU	568.0	730.0	+162.0	Re-evaluation - Increased Ri
Provost Lloydminster EEE	45.9	94.9	+49.0	Pool Development - Increased N & Ri
Provost Lloydminster HHH	84.6	98.7	+14.1	Re-evaluation - Increased Ri
Provost Lloydminster III	13.3	1.5	-11.8	Re-evaluation - Decreased Ri
Provost Lloydminster JJJ	33.4	6.7	-26.7	Re-evaluation - Decreased Ri
Provost Lloydminster MMM Primary	3.8	27.9	+6.4	Coalesced Provost Lloydminster MMM & QQQ Pools
Provost Lloydminster VVV & Cummings D3D	0.0	221.0	+73.5	Pool Development - Increased N Pools Commingled
Provost Lloydminster A2A	14.9	39.5	+24.6	Pool Development - Increased N & Ri
Provost Lloydminster C2C	16.3	8.1	-8.2	Re-evaluation - Decreased N & Ri
Provost Lloydminster D2D	59.4	197.0	+137.6	Pool Development - Increased N & Ri
Provost Lloydminster E2E	15.1	5.0	-10.1	Re-evaluation - Decreased Ri
Provost Lloydminster E3E	Conf	3.4		
Provost Lloydminster H3H	0.0	6.6		
Provost Lloydminster K3K	0.0	19.3		
Provost Lower Mannville Z	663.0	906.0	+243.0	Re-evaluation - Increased Ri
Provost Lower Mannville PP & D-2 B	0.7	0.9	+0.2	Re-evaluation - Decreased N
Provost Mannville L	1832.0	2446.0	+614.0	Pool Development - Increased N & Ri
Provost Rex G	9.4	0.2	-9.2	Pool Abandoned
Provost Rex K	4.3	0.1	-4.2	Pool Abandoned
Provost Rex T	Conf	10.2		

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Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Provost Rex U	0.0	51.9	-7.3	Coalesced Provost Upper Mannville F3F & Rex U Pools
Provost Sparky U	0.0	9.1		
Provost Sparky V	0.0	2.0		
Provost Sparky W	Conf	6.6		
Provost Sparky X	0.0	4.2		
Provost Upper Mannville A	686.0	411.0	-275.0	Re-evaluation - Decreased Ri
Provost Upper Mannville C	70.0	80.2	+10.2	Re-evaluation - Decreased N & Increased Ri
Provost Upper Mannville VV	20.3	0.3	-20.0	Re-evaluation - Decreased N & Ri
Provost Upper Mannville LLL & Glauconitic HH	3.2	4.5	+1.3	Re-evaluation - Increased Ri
Provost Upper Mannville U8U	147.0	665.0	+518.0	Pool Development - Increased N & Ri
Provost Upper Mannville V8V	12.8	0.3	-12.5	Re-evaluation - Decreased N & Ri
Provost Upper Mannville Z8Z	16.5	1.4	-15.1	Re-evaluation - Decreased Ri
Provost Viking, Belly River, Basal Colorado & Mannville MU No. 1 Primary	3064.0	3447.0	+383.0	Re-evaluation - Increased Ri
Queenstown Glauconitic F	14.2	4.0	-10.2	Re-evaluation - Decreased N & Ri
Queenstown Glauconitic K	15.2	3.0	-12.2	Re-evaluation - Decreased N & Ri
Queenstown Glauconitic N	16.4	5.5	-10.9	Re-evaluation - Decreased N & Ri
Queenstown Glauconitic V	96.9	59.3	-37.6	Re-evaluation - Increased N & Decreased Ri
Rainbow Keg River G Solvent Flood	2082.0	2107.0	+25.0	Re-evaluation - Increased Ri
Rainbow Keg River H	2280.0	1700.0	-580.0	Re-evaluation - Decreased N & Ri
Rainbow Keg River T Solvent Flood	2030.0	1995.0	-35.0	Re-evaluation - Decreased Ri
Rainbow Keg River W	30.4	37.7	+7.3	Resumed Production Operations
Rainbow Keg River Z Solvent Flood	2100.0	2275.0	+175.0	Re-evaluation - Increased Ri
Rainbow Keg River DD	146.0	234.0	+88.0	Re-evaluation - Increased Ri
Rainbow Keg River EE Water Flood	2218.0	2640.0	+422.0	Re-evaluation - Increased Ri
Rainbow Keg River JJ Water Flood	530.0	517.0	-13.0	Re-evaluation - Decreased Ri
Rainbow Keg River KK Water Flood	212.0	223.0	+11.0	Re-evaluation - Decreased N & Increased Ri
Rainbow Keg River LL	398.0	318.0	-80.0	Re-evaluation - Decreased Ri

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Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Rainbow Keg River ZZ	135.0	186.0	+51.0	Pool Development - Increased N
Rainbow Keg River BBB	96.0	92.2	-3.8	Pool Abandoned
Rainbow Keg River CCC	167.0	172.0	+5.0	Re-evaluation - Increased Ri
Rainbow Keg River DDD Water Flood	210.0	182.0	-28.0	Re-evaluation - Decreased Ri
Rainbow Keg River KKK	48.0	51.2	+3.2	Re-evaluation - Increased Ri
Rainbow Keg River LLL	36.0	65.8	+29.8	Resumed Production Operations
Rainbow Keg River OOO Water Flood	70.2	93.6	+24.8	Resumed Production Operations
Rainbow Keg River QQQ	260.0	292.0	+32.0	Coalesced Rainbow Keg River QQQ & Q3Q Pools
Rainbow Keg River SSS	58.6	55.8	-2.8	Pool Abandoned
Rainbow Keg River UUU	42.2	45.5	+3.3	Re-evaluation - Increased Ri
Rainbow Keg River VVV	13.7	10.0	-3.7	Pool Abandoned
Rainbow Keg River WWW	11.8	56.6	+44.8	Resumed Production Operations
Rainbow Keg River A2A	10.0	20.9	+10.9	Resumed Production Operations
Rainbow Keg River B2B	1.4	5.2	+3.8	Pool Development - Increased N
Rainbow Keg River B3B	346.0	467.0	+121.0	Re-evaluation - Increased Ri
Rainbow Keg River J3J	19.5	23.4	+3.9	Re-evaluation - Increased Ri
Rainbow Keg River O3O	4.0	34.8	+30.8	Re-evaluation - Increased N & Ri
Rainbow Keg River P3P	34.3	21.6	-12.7	Re-evaluation - Decreased Ri
Rainbow Keg River S3S	13.9	47.0	+33.1	Resumed Production Operations
Rainbow Keg River Y3Y	15.8	1.9	-13.9	Re-evaluation - Decreased Ri
Rainbow Keg River A4A	46.1	3.6	-42.5	Re-evaluation - Decreased N & Ri
Rainbow Keg River E4E	Conf	161.0		
Rainbow Keg River F4F	Conf	18.4		
Rainbow Keg River G4G	Conf	10.4		
Rainbow Muskeg HH & Keg River M2M	13.4	9.8	-6.5	Pool Abandoned
Rainbow Slave Point B	37.3	26.1	-11.2	Re-evaluation - Decreased Ri
Rainbow South Keg River A Water Flood	1830.0	1771.7	-58.3	Re-evaluation - Decreased Ri
Rainbow South Keg River L	26.3	33.3	+7.0	Resumed Production Operations
Rainbow South Keg River M	33.4	16.2	-17.2	Re-evaluation - Decreased N
Rainbow South Keg River N	360.0	330.0	-30.0	Re-evaluation - Decreased Ri

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Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Rainbow South Keg River P	129.0	136.0	+7.0	Resumed Production Operations
Rainbow South Keg River Z	101.0	56.3	-44.7	Re-evaluation - Decreased Ri
Rainbow South Muskeg C	31.4	39.3	+7.9	Re-evaluation - Increased Ri
Rainbow South Muskeg G	120.0	81.5	-38.5	Re-evaluation - Decreased Ri
Rainbow South Muskeg O	87.5	62.5	-25.0	Re-evaluation - Decreased Ri
Randell Gilwood A	21.9	41.4	+19.5	Pool Development - Increased N
Randell Gilwood F	Conf	51.8		
Randell Gilwood G	Conf	58.5		
Reagan Livingstone A	0.0	10.2		
Red Earth Granite Wash EE	10.6	36.5	+25.9	Re-evaluation - Increased N & Ri
Red Earth Granite Wash HH	39.0	24.4	-14.6	Re-evaluation - Decreased N & Increased Ri
Red Earth Granite Wash LL	25.0	12.3	-12.7	Re-evaluation - Decreased Ri
Red Earth Granite Wash UU	138.0	168.0	+30.0	Pool Development - Increased N & Decreased Ri
Red Earth Granite Wash OOO	60.8	34.4	-26.4	Re-evaluation - Decreased N
Red Earth Granite Wash RRR	11.6	16.2	+4.6	Re-evaluation - Increased Ri
Red Earth Granite Wash ZZZ	38.6	77.2	+38.6	Pool Development - Increased N
Red Earth Granite Wash L2L	11.5	10.5	-1.0	Pool Abandoned
Red Earth Granite Wash X2X	428.0	461.0	+33.0	Re-evaluation - Decreased N & Increased Ri
Red Earth Granite Wash Y2Y	53.2	16.6	-36.6	Re-evaluation - Decreased N & Increased Ri
Red Earth Granite Wash Z2Z	12.1	0.4	-11.7	Re-evaluation - Decreased Ri
Red Earth Granite Wash H3H	30.3	0.7	-29.6	Re-evaluation - Decreased N & Ri
Red Earth Granite Wash J3J	Conf	107.0		
Red Earth Granite Wash K3K	Conf	114.0		
Red Earth Granite Wash L3L	Conf	43.6		
Red Earth Granite Wash M3M	Conf	71.4		
Red Earth Granite Wash N3N	0.0	77.4		New Pool - Previously part of Granite Wash QQ
Red Earth Granite Wash O3O	Conf	15.7		
Red Earth Granite Wash P3P	Conf	23.0		
Red Earth Keg River C & Granite Wash T2T	157.0	290.0	+133.0	Pool Development- Increased N & Ri
Red Earth Slave Point A, Granite Wash A & VV				Coalesced Red Earth Slave Point A, E, Granite Wash A & VV Pools
Primary	4068.0	5200.0	+967.0	Pool Development - Increased N & Decreased Ri
Water Flood	1072.0	834.0	-412.0	Re-evaluation - Increased N & Decreased Ri

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Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Red Earth Slave Point U	35.7	57.2	+13.8	Coalesced Red Earth Slave Point U & W Pools
Red Earth Slave Point V & Granite Wash V2V	0.0	88.4	-4.2	Pools Commingled
Red Willow Camrose H	1.9	9.3	+7.4	Resumed Production Operations
Red Willow Glauconitic E	44.6	74.3	+29.7	Pool Development - Increased N
Redland Lower Mannville B	43.2	81.0	+37.8	Pool Development - Increased N & Decreased Ri
Redwater D-3	130400.0	134600.0	+4200.0	Re-evaluation - Increased Ri
Redwater Ellerslie E	2.8	7.6	+4.8	Resumed Production Operations
Redwater Ellerslie N	7.3	10.6	+3.3	Resumed Production Operations
Redwater Ellerslie Q	48.8	2.2	-46.6	Re-evaluation - Decreased Ri
Redwater Ellerslie FF	22.3	39.0	+16.7	Pool Development - Increased N
Redwater Ellerslie LL	Conf	6.9		
Redwater Lower Viking V	26.6	28.2	+1.6	Pool Development - Increased N
Retlaw Mannville Y	22.2	6.6	-15.6	Re-evaluation - Decreased Ri
Retlaw Mannville G2G	12.2	36.0	+23.8	Re-evaluation - Decreased N & Increased Ri
Retlaw Mannville N2N	0.1	0.7	+0.6	Re-evaluation - Increased Ri
Retlaw Mannville Q2Q	2.7	5.8	+3.1	Resumed Production Operations
Retlaw Mannville H3H	25.0	12.4	-12.6	Re-evaluation - Decreased N & Ri
Retlaw Mannville W3W	14.5	44.0	+29.5	Pool Development - Increased N & Ri
Retlaw Mannville L4L	0.0	3.1		New Pool - Previously in Retlaw Mannville W3W
Retlaw Mannville M4M	0.0	3.5		
Retlaw Mannville N4N	Conf	7.8		
Retlaw Mannville O4O & P4P	0.0	1.1		
Retlaw Mannville R4R	0.0	5.7		
Retlaw Rundle A	Conf	2.1		
Ribstone Nisku A & Camrose A	155.0	246.0	+63.3	Coalesced Ribstone Nisku A,D & Camrose A&B Pools
Richdale Upper Mannville QQ	Conf	84.7		
Ricinus Cardium E & KKK	6.0	54.1	+3.7	Pools Commingled
Ricinus Cardium NN	30.3	19.5	-10.8	Re-evaluation - Decreased Ri
Ricinus Cardium OO	36.0	25.2	-10.8	Re-evaluation - Decreased Ri
Ricinus Cardium GGG	85.0	64.4	-20.6	Re-evaluation - Decreased Ri
Ricinus Viking GG	0.0	8.5		
Rivercourse Colony H	58.0	54.3	-3.7	Re-evaluation - Increased N & Decreased Ri

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Rockyford Upper Mannville E Water Flood	99.0	49.5	-49.5	Re-evaluation - Decreased Ri
Rockyford Upper Mannville G	14.7	0.9	-13.8	Re-evaluation - Decreased N & Ri
Ronalane Sawtooth Y	1.0	5.6	+4.6	Re-evaluation - Increased Ri
Ronalane Sawtooth Z	44.8	17.9	-26.9	Re-evaluation - Decreased Ri
Ronalane Sawtooth PP	13.1	0.6	-12.5	Re-evaluation - Decreased Ri
Rosevear Cardium B	0.0	11.0		
Rycroft Gething E	0.3	3.7	+3.4	Resumed Production Operations
Rycroft Halfway C Water Flood	1917.0	2130.0	+213.0	Re-evaluation - Increased Ri
Saddle Hills Charlie Lake E	12.4	4.6	-7-7	Pool Abandoned
Saddle Hills Halfway A	12.6	1.9	-10.7	Pool Abandoned
Sakwatamau Beaverhill Lake D	Conf	87.8		
Sakwatamau Belloy B	8.6	0.3	-8.3	Pool Abandoned
Sakwatamau Shunda A	Conf	4.1		
Samson Blairmore A	36.7	40.0	+3.3	Resumed Production Operations
Sawn Lake Slave Point J Primary	333.0	457.0	+124.0	Pool Development - Increased N & Ri
Sawn Lake Slave Point N	Conf	51.5		
Sawn Lake Slave Point O	Conf	12.6		
Sawn Lake Slave Point P	Conf	10.1		
Seal Slave Point K	Conf	19.9		
Seal Slave Point L	Conf	10.1		
Sedgewick Basal Mannville E	Conf	5.0		
Senex Granite Wash A	0.0	35.0		
Senex Keg River E	46.5	26.1	-20.4	Re-evaluation - Decreased Ri
Senex Keg River L	33.2	11.1	-22.1	Re-evaluation - Decreased N & Ri
Senex Keg River FF	13.2	3.3	-9.9	Re-evaluation - Decreased N & Ri
Senex Keg River GG	21.3	6.4	-14.9	Re-evaluation - Decreased N & Increased Ri
Senex Keg River KK	313.0	547.0	+234.0	Re-evaluation - Increased Ri
Senex Keg River PP	21.7	29.3	+7.6	Re-evaluation - Increased N & Decreased Ri
Senex Keg River QQ	17.1	35.6	+18.5	Pool Development - Increased N & Ri
Senex Keg River TT	Conf	72.6		
Senex Keg River VV	0.0	209.0	+76.0	Coalesced Senex Keg River UU & VV Pools

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Senex Keg River WW	Conf	40.3		
Senex Keg River XX	Conf	12.0		
Senex Keg River YY	0.0	9.6		
Senex Keg River ZZ	0.0	27.4		
Shadow Gilwood C	98.3	82.2	-16.1	Re-evaluation - Decreased N & Increased Ri
Shadow Gilwood K	36.3	43.5	+7.2	Re-evaluation - Increased Ri
Shadow Gilwood U	72.3	17.0	-55.3	Re-evaluation - Decreased N & Ri
Shadow Gilwood V	20.4	7.9	-12.5	Re-evaluation - Decreased N & Ri
Shadow Gilwood W	35.1	6.9	-28.2	Pool Abandoned
Shadow Gilwood Z	66.0	15.8	-50.2	Re-evaluation - Decreased N & Ri
Shadow Gilwood AA	16.2	1.4	-14.8	Re-evaluation - Decreased N & Ri
Shadow Gilwood HH	24.4	5.0	-19.4	Re-evaluation - Decreased N & Ri
Shadow Gilwood II	20.8	4.5	-16.3	Re-evaluation - Decreased N & Ri
Shadow Gilwood JJ	19.8	1.4	-18.4	Re-evaluation - Decreased N & Ri
Shadow Gilwood KK	12.7	2.1	-10.6	Re-evaluation - Decreased N & Ri
Shadow Gilwood NN	Conf	63.6		
Shadow Montney A	Conf	17.3		
Shekilie Keg River Q	81.0	90.0	+9.0	Re-evaluation - Increased Ri
Shekilie Keg River Y Water Flood	198.0	168.0	-30.0	Re-evaluation - Decreased Ri
Shekilie Keg River BB	7.8	11.1	+3.3	Re-evaluation - Increased Ri
Shekilie Keg River LLL	45.0	30.6	-14.4	Re-evaluation - Decreased Ri
Shekilie Keg River VVV	9.8	42.3	+32.5	Re-evaluation - Increased N & Ri
Shekilie Keg River A2A	43.3	32.2	-11.1	Re-evaluation - Decreased Ri
Shekilie Keg River G2G Water Flood	50.4	36.0	-14.4	Re-evaluation - Decreased Ri
Shekilie Keg River L2L	23.0	5.3	-17.7	Re-evaluation - Decreased N & Ri
Shekilie Keg River N2N Water Flood	86.6	57.0	-29.6	Re-evaluation - Decreased Ri
Shekilie Keg River O2O	154.0	57.6	-96.4	Re-evaluation - Decreased N & Ri
Shekilie Keg River P2P	1.4	26.0	+24.6	Pool Development - Increased N & Ri
Shekilie Keg River T2T Water Flood	83.3	5.1	-78.2	Re-evaluation - Decreased N & Ri
Shekilie Muskeg I	26.3	18.8	-7.5	Re-evaluation - Decreased Ri

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Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Shouldice Glauconitic I	145.0	98.6	-46.4	Re-evaluation - Decreased Ri
Shouldice Glauconitic N	20.3	10.1	-10.2	Re-evaluation - Decreased N & Ri
Shouldice Glauconitic U	11.8	5.6	-6.2	Re-evaluation - Decreased N & Increased Ri
Shouldice Glauconitic X	Conf	73.8		Coalesced Blackfoot Glauconitic I & Shouldice Glauconitic X
Shouldice Glauconitic Y	0.0	7.3		New Pool - Previously part of Shouldice Glauconitic X Pool
Shouldice Glauconitic AA	0.0	6.0	+6.0	
Sibbald Nisku A	14.2	2.2	-12.0	Re-evaluation - Decreased Ri
Simonette D-3 E	45.9	8.0	-37.8	Re-evaluation - Decreased N & Ri
Simonette Dunvegan K	0.0	18.3		
Simonette Wabamun D	42.6	20.3	-22.3	Re-evaluation - Decreased N & Ri
Sinclair Doe Creek H	7.8	26.4	+18.6	Pool Development - Increased N & Decreased Ri
Sinclair Nikanassin E	Conf	14.5		
Slave Slave Point H	1524.0	1880.0	+356.0	Re-evaluation - Increased Ri
Slave Slave Point S	1175.0	1449.0	+274.0	Re-evaluation - Increased Ri
Slave Slave Point AA & Granite Wash F	96.8	65.8	-31.0	Re-evaluation - Decreased Ri
Sousa Keg River G	1.9	26.1	+24.2	Resumed Production Operations
Sousa Keg River H	49.8	64.5	+14.7	Resumed Production Operations
Sousa Keg River J	0.3	62.6	+62.3	Resumed Production Operations
Sousa Keg River N	10.6	40.0	+29.4	Resumed Production Operations
Sousa Keg River X	90.0	36.0	-54.0	Re-evaluation - Decreased Ri
Sousa Keg River Y	20.6	27.8	+7.2	Resumed Production Operations
Sousa Keg River AA	12.2	1.0	-11.2	Re-evaluation - Decreased Ri
Sousa Keg River CC	20.3	0.1	-20.2	Re-evaluation - Decreased Ri
Sousa Keg River DD	Conf	53.7		
Spirit River Charlie Lake D	24.0	19.2	-4.8	Re-evaluation - Decreased Ri
Spirit River Doe Creek F	17.8	46.7	+24.6	Coalesced Spirit River Doe Creek F & I Pools
Spring Coulee Second White Specks A	12.5	2.5	-10.0	Re-evaluation - Decreased N & Ri
St. Albert-Big Lake D-1 A	90.9	41.3	-49.6	Re-evaluation - Decreased Ri
St. Albert-Big Lake D-1 E	15.0	3.2	-11.8	Re-evaluation - Decreased Ri
St. Albert-Big Lake D-2 A	325.0	293.1	-31.9	Re-evaluation - Decreased Ri

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Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
St. Anne Banff K	125.0	188.0	+63.0	Pool Development - Increased N & Ri
Stanmore Lower Mannville KK	Conf	30.4		
Stanmore Upper Mannville B	80.5	89.3	+8.8	Pool Development - Increased N
Stanmore Upper Mannville DDD	Conf	7.4		
Stanmore Upper Mannville HHH	0.0	3.0		
Steele Upper Mannville Q	0.0	14.0		
Stettler Upper Mannville E	54.6	16.4	-40.0	Re-evaluation - Decreased Ri
Strathmore Lower Mannville B Primary	0.1	7.9	+7.8	Pool Development - Increased N & Ri
Strathmore Lower Mannville H	2.3	4.6	+2.3	Pool Development - Increased N
Strome Ellerslie F	11.2	0.1	-11.1	Re-evaluation - Decreased Ri
Sturgeon Lake D-3 C	Conf	45.6		
Sturgeon Lake South D-3 B	133.0	157.0	+24.0	Re-evaluation - Increased Ri
Sturgeon Lake South D-3 D	113.0	44.3	-68.7	Re-evaluation - Decreased N & Increased Ri
Suffield Lower Mannville N	15.0	18.0	+3.0	Re-evaluation - Increased Ri
Suffield Lower Mannville T	44.9	22.5	-22.4	Re-evaluation - Decreased Ri
Suffield Lower Mannville U	Conf	2.4		
Suffield Lower Mannville V	Conf	16.6		
Suffield Upper Mannville A	2225.0	2498.0	+273.0	Pool Development - Increased N
Suffield Upper Mannville D	416.0	815.0	+399.0	Pool Development - Increased N & Ri
Suffield Upper Mannville J	6616.0	7060.0	+444.0	Re-evaluation - Increased N
Suffield Upper Mannville N	233.0	458.0	+225.0	Re-evaluation - Decreased N & Increased Ri
Suffield Upper Mannville W Primary Water Flood	 13.1 57.0	 0.0 58.5	 -13.1 +1.5	 Primary Reserves Deleted Enhanced Recovery Recognition
Suffield Upper Mannville FF	391.0	522.0	+131.0	Re-evaluation - Increased N & Ri
Suffield Upper Mannville II	90.0	194.0	+104.0	Pool Development - Increased N
Sullivan Lake Banff B	15.1	22.6	+7.5	Re-evaluation - Increased Ri
Sundance Belly River B	40.6	10.2	-30.4	Re-evaluation - Decreased N & Ri
Sunnynook Upper Mannville Q	5.0	0.5	-4.5	Pool Abandoned
Swalwell D-1 A	59.6	377.0	+317.4	Pool Development - Increased N & Ri
Swalwell D-2 D	530.0	371.0	-159.0	Re-evaluation - Decreased Ri
Swalwell D-2 F	Conf	47.2		

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Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Swalwell D-2 G	0.0	13.3		
Swalwell Pekisko D	40.8	27.8	-13.0	Re-evaluation - Decreased Ri
Swalwell Pekisko F	96.8	75.3	-21.5	Re-evaluation - Decreased Ri
Swimming McLaren D	Conf	112.0		
Swimming Sparky E	Conf	12.6		
Swimming Sparky F	0.0	11.6		
Sylvan Lake D-3 E	21.8	0.0	-21.8	Delete Pool
Sylvan Lake D-3 F	43.8	0.0	-43.8	Delete Pool
Sylvan Lake Elkton L	60.7	42.5	-18.2	Re-evaluation - Decreased Ri
Sylvan Lake Elkton M	40.9	10.2	-30.7	Re-evaluation - Decreased N & Ri
Sylvan Lake Elkton N	Conf	22.4		
Sylvan Lake Elkton O	Conf	26.6		
Sylvan Lake Elkton-Shunda B & Pekisko N	0.0	209.0		Establish Oil Reserves
Sylvan Lake Elkton-Shunda H	25.3	12.0	-13.3	Pool Abandoned
Sylvan Lake Elkton-Shunda J	143.0	14.9	-128.1	Re-evaluation - Decreased N & Ri
Sylvan Lake Ostracod T	0.0	2.5		
Sylvan Lake Pekisko B Primary Water Flood	 68.5 3470.0	 34.2 3550.0	 -34.3 +80.0	 Re-evaluation - Decreased N Re-evaluation - Increased N
Sylvan Lake Pekisko G	12.5	32.3	+19.8	Pool Development - Increased N & Ri
Sylvan Lake Pekisko Z	31.5	7.4	-24.1	Re-evaluation - Decreased N & Ri
Sylvan Lake Pekisko GG	34.8	7.8	-27.0	Re-evaluation - Decreased N & Ri
Sylvan Lake Pekisko KK	Conf	97.4		
Sylvan Lake Second White Specks D	28.0	0.5	-27.5	Re-evaluation - Decreased N & Ri
Sylvan Lake Second White Specks E	0.0	13.3		
Sylvan Lake Shunda G, H & Pekisko LL	0.2	2.5	-2.9	Pools Commingled
Taber Glauconitic C	2.5	0.2	-2.3	Re-evaluation - Decreased Ri
Taber Glauconitic H	12.8	5.1	-7.7	Re-evaluation - Decreased Ri
Taber Glauconitic L	Conf	7.4		
Taber Livingstone A	7.2	2.2	-5.0	Pool Abandoned
Taber Taber P	117.0	82.2	-34.8	Re-evaluation - Decreased Ri
Taber Taber R	28.3	5.7	-22.6	Re-evaluation - Decreased Ri

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Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Taber Taber U	21.9	6.6	-15.3	Re-evaluation - Decreased Ri
Taber Taber JJ	20.6	3.6	-17.0	Re-evaluation - Decreased N & Ri
Taber Taber KK	Conf	29.4		
Taber Taber MM	Conf	7.6		
Taber Taber NN	0.0	4.0		
Taber North Glauconitic C Water Flood	570.0	647.0	+77.0	Re-evaluation - Increased Ri
Taber North Glauconitic E	647.0	755.0	+108.0	Re-evaluation - Increased Ri
Taber North Glauconitic J	10.9	43.2	+32.3	Pool Development - Increased N & Ri
Taber North Glauconitic L	20.9	4.1	-16.8	Re-evaluation - Decreased N & Ri
Taber North Sawtooth F	Conf	10.4		
Taber North Taber B	55.6	41.1	-14.5	Re-evaluation - Decreased Ri
Taber North Taber E	541.0	238.0	-303.0	Re-evaluation - Decreased N & Increased Ri
Taber North Taber O	609.0	760.0	+124.4	Coalesced Taber North Taber HH & OO Pools with Taber North Taber O
Taber North Taber Y	11.1	0.9	-10.2	Re-evaluation - Decreased N & Ri
Taber North Taber FF	19.3	0.6	-18.7	Re-evaluation - Decreased N & Ri
Taber North Taber RR	Conf	61.5		
Taber North Taber SS	0.0	253.0		New Pool - Previously part of Taber North Taber E Pool
Taber South Glauconitic H	25.0	10.0	-15.0	Re-evaluation - Decreased N & Ri
Taber South Glauconitic J	13.9	4.9	-9.0	Re-evaluation - Decreased N & Ri
Taber South Mannville D	48.4	60.5	+12.1	Re-evaluation - Increased Ri
Taber South Mannville M Primary	24.4	40.4	+16.0	Pool Development - Increased N
Taber South Mannville Q	57.0	17.1	-39.9	Re-evaluation - Decreased Ri
Taber South Mannville T	Conf	7.5		
Taber South Taber C	Conf	7.6		
Taber South Taber D	Conf	3.6		
Tangent D-1 C	14.9	24.6	+9.7	Resumed Production Operations
Tangent D-1 L	30.5	37.3	+6.8	Resumed Production Operations
Tangent D-1 P	32.2	37.6	+5.4	Resumed Production Operations
Tangent D-1 BB	45.3	34.2	-11.1	Re-evaluation - Decreased Ri
Tangent D-1 ZZ	66.6	28.5	-38.1	Re-evaluation - Decreased Ri

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Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Tangent D-1 LLL	9.6	6.7	-2.9	Pool Abandoned
Tangent D-1 MMM	20.4	6.4	-14.0	Re-evaluation - Decreased Ri
Tangent Triassic J	0.0	9.6		
Teepee Charlie Lake B	Conf	102.0		
Thorhild Mannville BBB	0.0	9.8		
Three Hills Creek Pekisko B	75.2	52.6	-22.6	Re-evaluation - Decreased Ri
Three Hills Creek Viking M	48.9	22.8	-26.1	Re-evaluation - Decreased N
Three Hills Creek Viking R	Conf	71.0		
Three Hills Creek Viking T	Conf	3.3		
Three Hills Creek Viking V	0.0	35.8	+3.0	Coalesced Three Hills Creek Viking P,Q & V Pools
Three Hills Creek Viking Y	Conf	9.3		
Three Hills Creek Viking Z	Conf	5.3		
Tomahawk Nordegg A	62.5	50.0	-12.5	Re-evaluation - Decreased Ri
Tomahawk Ostracod C	75.6	50.4	-25.2	Re-evaluation - Decreased Ri
Trochu Basal Quartz A	46.1	34.9	-11.2	Re-evaluation - Decreased Ri
Trochu Basal Quartz B	22.9	12.8	-10.1	Re-evaluation - Decreased Ri
Trout Keg River N	505.0	565.0	+60.0	Re-evaluation - Increased Ri
Trout Keg River LL	35.3	235.0	+105.9	Coalesced Trout Keg River CC, HH & LL Pools
Turin Livingstone C	64.5	78.7	+4.3	Coalesced Turin Livingstone C & D Pools
Turin Livingstone E	Conf	44.7		
Turin Livingstone H	0.0	17.7		
Turin Lower Mannville CC	206.0	103.0	-103.0	Re-evaluation - Decreased Ri
Turin Lower Mannville II Primary	49.2	30.0	-19.2	Re-evaluation - Increased N & Decreased Ri
Turin Lower Mannville I2I	22.4	19.3	-3.1	Re-evaluation - Decreased N
Turin Lower Mannville P2P	15.3	3.3	-12.0	Re-evaluation - Decreased N & Ri
Turin Lower Mannville U2U	17.6	128.0	+110.4	Pool Development - Increased N & Ri
Turin Lower Mannville V2V	Conf	3.9		
Turin Lower Mannville X2X	Conf	1.6		
Turin Upper Mannville W	Conf	1.9		
Turner Valley Cardium A	13.3	5.3	-8.0	Re-evaluation - Decreased Ri
Twining Glauconitic C	Conf	24.9		
Two Creek Jurassic B	Conf	76.6		

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Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Utikuma Lake Keg River Sand KK	47.5	32.4	-15.1	Re-evaluation - Decreased Ri
Utikuma Lake Keg River Sand QQ	99.0	68.8	-30.2	Re-evaluation - Decreased Ri
Utikuma Lake Keg River Sand FFF	Conf	35.7		
Valhalla Boundary A & Charlie Lake A	79.2	52.8	-26.4	Re-evaluation - Decreased Ri
Valhalla Boundary Lake S	Conf	0.1		
Valhalla Charlie Lake I	32.2	22.5	-9.7	Re-evaluation - Decreased Ri
Valhalla Doe Creek I Primary	900.0	1261.0	+361.0	Re-evaluation - Increased Ri
Valhalla Doe Creek N	12.9	20.4	+7.5	Pool Development - Increased N & Decreased Ri
Valhalla Doe Creek O	14.4	7.2	-7.2	Re-evaluation - Decreased Ri
Valhalla Doe Creek V Water Flood	750.0	950.0	+200.0	Re-evaluation - Increased Ri
Valhalla Doe Creek AA	6.8	0.1	-6.7	Pool Abandoned
Valhalla Doig B	101.0	81.1	-19.9	Re-evaluation - Decreased Ri
Valhalla Doig D	210.0	97.5	-112.5	Re-evaluation - Decreased N
Valhalla Doig J	0.0	18.6		
Valhalla Doig K	0.0	22.8		
Valhalla Doig L	0.0	19.0		
Valhalla Montney C	1225.0	1289.0	+64.0	Re-evaluation - Increased N
Valhalla Montney I & O	109.0	84.6	-24.4	Re-evaluation - Decreased N
Valhalla Montney T	0.0	40.5		
Verger Arcs A	20.9	8.7	-12.2	Re-evaluation - Decreased Ri
Verger Mannville M	0.0	9.5		
Verger Upper Mannville R	0.0	2.7		
Vermilion Sparky B	13.2	30.8	+17.6	Pool Development - Increased N
Viking-Kinsella Colony QQQ	0.3	3.0	+2.7	Resumed Production Operations
Viking-Kinsella Sparky CC	9.8	0.0	-9.8	Coalesced Viking-Kinsella Sparky E & CC Pools
Viking-Kinsella Sparky EE	12.3	0.0	-12.3	Coalesced Viking-Kinsella Sparky EE & JJ Pools
Viking-Kinsella Sparky II	Conf	4.9		
Viking-Kinsella Sparky JJ	Conf	220.0		Coalesced Viking-Kinsella Wainwright I, Upper Mannville CC & Sparky JJ Pools
Viking-Kinsella Sparky PP	Conf	2.0		

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Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Viking-Kinsella Upper Mannville X Water Flood	166.0	1925.0	+1759.0	Coalesced Viking-Kinsella Upper Mannville B & X Pools Enhanced Recovery Recognition
Viking-Kinsella Upper Mannville R3R	0.0	22.2		
Virgo Keg River B Water Flood	131.0	127.2	-3.8	Pool Abandoned
Virgo Keg River G	92.2	75.5	-16.7	Re-evaluation - Decreased Ri
Virgo Keg River I Water Flood	144.0	130.4	-13.6	Re-evaluation - Decreased Ri
Virgo Keg River O Water Flood	69.9	54.1	-15.8	Re-evaluation - Decreased Ri
Virgo Keg River U	58.5	46.4	-12.1	Re-evaluation - Decreased Ri
Virgo Keg River Y	146.0	177.0	+31.0	Pool Development - Increased N & Decreased Ri
Virgo Keg River Z Water Flood	170.0	168.0	-2.0	Pool Abandoned
Virgo Keg River AA	103.0	108.0	+5.0	Resumed Production Operations
Virgo Keg River BB	76.8	66.7	-10.1	Re-evaluation - Decreased Ri
Virgo Keg River FF	30.7	31.8	+1.1	Resumed Production Operations
Virgo Keg River JJ	167.0	156.0	-11.0	Re-evaluation - Decreased Ri
Virgo Keg River UU	22.8	17.3	-5.5	Pool Abandoned
Virgo Keg River YY	80.0	64.0	-16.0	Re-evaluation - Decreased Ri
Virgo Keg River A2A Water Flood	98.0	89.6	-8.4	Pool Abandoned
Virgo Keg River D2D	104.0	94.7	-9.3	Pool Abandoned
Virgo Keg River F2F	115.0	53.0	-62.0	Re-evaluation - Decreased N & Ri
Virgo Keg River H2H	73.1	48.7	-24.4	Re-evaluation - Decreased Ri
Virgo Keg River I2I	98.0	104.0	+6.0	Pool Development - Increased N
Virgo Keg River J2J	11.3	21.6	+10.3	Pool Development - Increased N
Virgo Keg River K2K	114.0	103.0	-11.0	Pool Abandoned
Virgo Keg River P2P	3.6	5.9	+2.3	Re-evaluation - Increased Ri
Virgo Keg River R2R Water Flood	59.6	48.9	-10.7	Re-evaluation - Decreased Ri
Virgo Keg River Z2Z Water Flood	50.0	37.6	-12.4	Re-evaluation - Decreased Ri
Virgo Keg River G3G	31.2	10.7	-20.5	Pool Abandoned
Virgo Keg River B4B	82.3	49.4	-32.9	Re-evaluation - Decreased Ri
Virgo Keg River C4C	56.1	37.4	-18.7	Re-evaluation - Decreased Ri

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Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Virgo Keg River F4F Water Flood	55.0	38.5	-16.5	Re-evaluation - Decreased Ri
Virgo Keg River J4J	14.6	16.5	+1.9	Pool Development - Increased N & Ri
Virgo Keg River O4O	100.0	85.0	-15.0	Re-evaluation - Decreased Ri
Virgo Keg River X4X	243.0	85.2	-157.8	Re-evaluation - Decreased Ri
Virgo Keg River Y4Y	16.5	6.0	-10.5	Re-evaluation - Decreased N & Ri
Virgo Keg River B5B	28.9	13.4	-15.5	Pool Abandoned
Virgo Keg River C5C	52.8	26.4	-26.4	Re-evaluation - Decreased N & Ri
Virgo Keg River D5D	62.4	18.7	-43.7	Re-evaluation - Decreased Ri
Virgo Keg River E5E	63.9	13.3	-50.6	Re-evaluation - Decreased N & Ri
Virgo Keg River F5F	217.0	36.1	-180.9	Re-evaluation - Decreased N & Ri
Virgo Keg River H5H	38.4	9.5	-28.9	Re-evaluation - Decreased N & Ri
Virgo Keg River I5I	99.3	18.5	-80.8	Re-evaluation - Decreased Ri
Virgo Keg River K5K	35.8	9.2	-26.6	Re-evaluation - Decreased Ri
Virgo Keg River L5L	150.0	17.8	-132.2	Pool Abandoned
Virgo Keg River M5M	63.3	18.9	-44.4	Re-evaluation - Decreased N & Ri
Virgo Keg River N5N	50.0	25.0	-25.0	Re-evaluation - Decreased N & Ri
Virgo Keg River P5P	59.7	5.1	-54.6	Re-evaluation - Decreased N & Ri
Virgo Keg River Q5Q	14.5	2.9	-11.6	Re-evaluation - Decreased N & Ri
Virgo Keg River R5R	21.2	0.5	-20.7	Re-evaluation - Decreased N & Ri
Virgo Keg River W5W	16.4	0.4	-16.0	Pool Abandoned
Virgo Keg River Z5Z	Conf	19.3		
Virgo Keg River A6A	Conf	22.5		
Virgo Keg River B6B	Conf	10.0		
Virgo Keg River C6C	Conf	13.1		
Virgo Keg River D6D	Conf	80.8		
Virgo Muskeg G Water Flood	57.0	44.6	-12.4	Pool Abandoned
Wainwright Colony JJJ	15.3	3.5	-11.8	Re-evaluation - Decreased Ri
Wainwright Colony ZZZ	15.4	0.2	-15.2	Re-evaluation - Decreased Ri
Wainwright Colony C2C	Conf	17.6		
Wainwright Sparky CC	10.1	9.5	-0.6	Re-evaluation - Decreased Ri
Wainwright Sparky EE	0.0	2.6		

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Wainwright Wainwright, Sparky A & Z Primary	578.0	595.0	+10.2	Pools Commingled
Wanyandie Cardium A	24.2	13.5	-10.7	Re-evaluation - Decreased Ri
Wapiti Cardium A & B	819.0	1088.0	+269.0	Pool Development - Increased N
Waskahigan Dunvegan L	0.0	18.1		
Watelet Ellerslie A	57.6	87.3	+29.7	Pool Development - Increased N
Watts Banff C	27.9	26.6	-1.3	Re-evaluation - Decreased Ri
Watts Banff I	144.0	96.2	-47.8	Re-evaluation - Decreased Ri
Watts Lower Mannville E	24.8	12.9	-11.9	Re-evaluation - Decreased Ri
Wayne-Rosedale Basal Colorado C	Conf	20.7		
Wayne-Rosedale Basal Quartz PP	11.0	15.0	+4.0	Re-evaluation - Decreased N & Increased Ri
Wayne-Rosedale Basal Quartz GGG	5.9	10.7	+4.8	Re-evaluation - Increased Ri
Wayne-Rosedale Basal Quartz VVV	0.0	4.2		
Wayne-Rosedale Glauconitic EEE	0.0	49.1		
Wayne-Rosedale Glauconitic GGG	Conf	3.5		
Wayne-Rosedale Nisku A	1356.0	2211.0	+95.0	Coalesced Wayne-Rosedale Nisku A & B Pools
Wayne-Rosedale Nisku C	29.0	229.0	+200.0	Pool Development - Increased N & Decreased Ri
Wayne-Rosedale Nisku D	Conf	82.8		
Wayne-Rosedale Nisku E	Conf	156.0		
Wembley Charlie Lake H & I	14.7	3.6	-11.1	Re-evaluation - Decreased N & Ri
West Drumheller Ireton A	81.5	108.0	+26.5	Re-evaluation - Increased Ri
Westerose Banff B	196.0	214.0	+18.0	Pool Development - Increased N & Ri
Westerose Belly River B	15.2	0.0	-15.2	Coalesced with Pembina Belly River FFF, GGG, K2K & S2S
Westerose Lower Mannville G	5.0	0.2	-4.8	Pool Abandoned
Westerose South Banff E	13.9	0.0	-13.9	Coalesced Westerose South Banff C&E Pools
Westerose South Banff F	0.0	12.6		
Westerose South Basal Quartz P	0.0	28.7		
Westerose South Second White Specks A	0.0	6.0		
Westerose South Viking A	22.2	14.8	-7.4	Re-evaluation - Decreased Ri
Westlock Viking EE	Conf	2.9		
Westpem Ellerslie E	0.0	7.7		

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ATTACHMENT I

1998 RESERVE CHANGES
Initial Established Crude Oil Reserves
at 31 December

Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Westpem Nisku A Solvent Flood	2365.0	2394.0	+29.0	Re-evaluation - Increased Ri
Westpem Nisku C Solvent Flood	3200.0	3280.0	+80.0	Re-evaluation - Increased Ri
Whitemud Ellerslie A	5.4	0.4	-5.0	Pool Abandoned
Widewater Gilwood A	353.0	454.0	+101.0	Re-evaluation - Increased Ri
Wildmere Colony I	16.9	21.8	+4.9	Pool Development - Increased N
Wildmere Colony BB, McLaren A & Waseca A	22.0	0.4	-21.6	Re-evaluation - Decreased Ri
Wildmere Colony B2B	0.0	1.5		
Wildmere Colony C2C	0.0	3.2		
Wildmere Colony D2D	0.0	2.3		
Wildmere General Petroleum G Water Flood	62.6	312.0	+104.0	Enhanced Recovery Recognition
Wildmere General Petroleum H	Conf	7.2		
Wildmere General Petroleum J	0.0	7.4		
Wildmere Lloydminster A & Sparky E Primary	2514.0	3142.0	+628.0	R-evaluation - Increased Ri
Wildmere Lloydminster C	61.5	29.4	-32.1	Re-evaluation - Decreased Ri
Wildmere McLaren C	Conf	19.9		
Wildmere Sparky FF	Conf	1.5		
Wildunn Creek Banff A	15.8	19.5	+3.7	Pool Development - Increased N
Willesden Green Belly River SS	0.1	3.2	+3.1	Resumed Production Operations
Willesden Green Belly River UU	14.7	5.9	-8.8	Re-evaluation - Decreased Ri
Willesden Green Belly River III	15.9	2.0	-13.9	Re-evaluation - Decreased N & Ri
Willesden Green Belly River LLL	20.8	1.6	-19.2	Re-evaluation - Decreased N & Ri
Willesden Green Belly River QQQ	0.0	1.0		
Willesden Green Cardium I	19.0	9.5	-9.5	Re-evaluation - Decreased Ri
Willesden Green Cardium R	Conf	5.4		
Willesden Green Ellerslie N	Conf	25.8		
Willesden Green Pekisko B	23.0	0.7	-22.3	Re-evaluation - Decreased Ri
Willesden Green Rock Creek M	Conf	8.0		
Willesden Green Second White Specks H	21.9	11.0	-10.9	Re-evaluation - Decreased Ri

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ATTACHMENT I

1998 RESERVE CHANGES
Initial Established Crude Oil Reserves
at 31 December

Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Willesden Green Second White Specks L	226.0	150.0	-76.0	Re-evaluation - Decreased N
Willesden Green Viking M	0.6	5.2	+4.6	Resumed Production Operations
Willesden Green Viking HH	Conf	6.0		
Willesden Green Viking JJ	Conf	7.1		
Wilson Creek Belly River I	62.9	77.6	+14.7	Pool Development - Increased N & Ri
Wilson Creek Second White Specks B	30.9	3.1	-27.8	Re-evaluation - Decreased Ri
Wilson Creek Viking B	23.0	14.1	-8.9	Re-evaluation - Decreased N
Wimborne D-2 B	400.0	640.0	+240.0	Re-evaluation - Increased Ri
Windfall D-3 C	79.5	55.7	-23.8	Re-evaluation - Decreased Ri
Windfall D-3 F	76.2	54.5	-21.7	Pool Abandoned
Windfall D-3 J	0.0	54.5		
Wintering Hills Upper Mannville S	0.2	12.2	+12.0	Resumed Production Operations
Woking Halfway B	176.0	105.0	-71.0	Re-evaluation - Decreased Ri
Wood River D-2 G	47.3	11.8	-35.5	Re-evaluation - Decreased N
Wood River D-3 A	82.7	60.6	-22.1	Re-evaluation - Decreased Ri
Wood River Lower Mannville A	73.2	77.0	+3.8	Re-evaluation - Decreased N & Increased Ri
Wood River Lower Mannville P	Conf	4.2		
Wood River Lower Mannville Q	Conf	54.0		
Wood River Lower Mannville S	Conf	4.1		
Worsley Charlie Lake M	Conf	49.5		
Worsley D-2 A	229.0	153.0	-76.0	Re-evaluation - Decreased Ri
Wrentham Glauconitic C	14.9	3.0	-11.9	Pool Abandoned
Wrentham Lower Mannville C Primary	0.0	3.7		Declare Primary Reserves
Wrentham Lower Mannville E	49.9	69.0	+19.1	Pool Development - Increased N
Wrentham Lower Mannville F Primary Water Flood	 8.7 128.0	 50.6 93.9	 +41.9 -34.1	 Pool Development - Increased N Re-evaluation - Decreased N
Wrentham Lower Mannville G Water Flood	105.0	144.0	+39.0	Re-evaluation - Increased N & Ri
Wrentham Lower Mannville I	Conf	5.1		
Wrentham Taber A	0.0	1.5		
Zama Keg River E	95.3	93.3	-2.0	Pool Abandoned

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ATTACHMENT I

1998 RESERVE CHANGES

Initial Established Crude Oil Reserves
at 31 December

Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Zama Keg River N Primary	0.0	35.4		Established Primary Reserves
Zama Keg River KK Water Flood	70.4	50.1	-20.3	Re-evaluation - Decreased Ri
Zama Keg River RR	63.5	63.3	-0.2	Re-evaluation - Decreased Ri
Zama Keg River TT Water Flood	140.0	125.9	-14.1	Re-evaluation - Decreased Ri
Zama Keg River DDD	83.2	92.4	+9.2	Re-evaluation - Increased Ri
Zama Keg River C2C	65.3	39.6	-25.7	Re-evaluation - Decreased Ri
Zama Keg River E2E	61.4	68.9	+7.5	Re-evaluation - Increased Ri
Zama Keg River O2O	181.0	164.0	-17.0	Re-evaluation - Decreased Ri
Zama Keg River Q2Q	89.0	47.9	-41.1	Re-evaluation - Decreased Ri
Zama Keg River Z2Z	95.4	85.0	-10.4	Re-evaluation - Decreased Ri
Zama Keg River N3N	90.6	79.8	-10.8	Re-evaluation - Decreased Ri
Zama Keg River T3T	36.3	22.6	-13.7	Re-evaluation - Decreased Ri
Zama Keg River W3W Water Flood	183.0	175.7	-7.3	Pool Abandoned
Zama Keg River F4F	16.7	18.3	+1.6	Resumed Production Operations
Zama Keg River J5J	34.0	13.1	-20.9	Re-evaluation - Decreased Ri
Zama Keg River V5V	19.8	8.5	-11.3	Re-evaluation - Decreased Ri
Zama Keg River Z5Z	34.0	29.7	-4.3	Pool Abandoned
Zama Keg River B6B	17.0	4.7	-12.3	Re-evaluation - Decreased Ri
Zama Keg River D6D	1.9	12.7	+10.8	Pool Abandoned
Zama Keg River W6W	39.0	17.0	-22.0	Re-evaluation - Decreased Ri
Zama Keg River Y6Y	138.0	160.0	+22.0	Re-evaluation - Increased Ri
Zama Keg River B7B	35.0	29.9	-5.1	Pool Abandoned
Zama Keg River E7E	25.7	14.5	-11.2	Pool Abandoned
Zama Keg River I7I	142.0	70.8	-71.2	Re-evaluation - Decreased Ri
Zama Keg River N7N	13.7	1.0	-12.7	Pool Abandoned
Zama Keg River Q7Q	61.8	18.0	-43.8	Re-evaluation - Decreased Ri
Zama Keg River T7T	86.0	18.3	-67.7	Re-evaluation - Decreased N & Ri
Zama Keg River W7W	49.5	14.8	-34.7	Re-evaluation - Decreased N & Ri
Zama Keg River X7X	13.9	3.0	-10.9	Re-evaluation - Decreased N & Ri
Zama Keg River Y7Y	55.6	5.8	-49.8	Re-evaluation - Decreased N & Ri

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ATTACHMENT I

1998 RESERVE CHANGES

Initial Established Crude Oil Reserves
at 31 December

Pool	1997 10^3m^3	1998 10^3m^3	Change 10^3m^3	Reason for Change
Zama Keg River B8B	28.4	5.0	-23.4	Re-evaluation - Decreased N & Ri
Zama Keg River C8C	53.7	126.0	+72.3	Pool Development - Increased N
Zama Keg River D8D	17.1	1.6	-15.5	Re-evaluation - Decreased N & Ri
Zama Keg River F8F	60.4	19.5	-40.9	Re-evaluation - Decreased N & Ri
Zama Keg River G8G	74.0	9.0	-65.0	Re-evaluation - Decreased N & Ri
Zama Keg River H8H	17.8	1.3	-16.5	Re-evaluation - Decreased N & Ri
Zama Keg River I8I	18.8	2.6	-16.2	Re-evaluation - Decreased N & Ri
Zama Keg River J8J	21.8	0.2	-21.6	Re-evaluation - Decreased N & Ri
Zama Keg River M8M	50.1	16.7	-33.4	Re-evaluation - Decreased Ri
Zama Keg River O8O	11.5	2.9	-8.6	Re-evaluation - Decreased N & Ri
Zama Keg River S8S	36.4	6.1	-30.3	Re-evaluation - Decreased N & Ri
Zama Keg River X8X	Conf	13.2		
Zama Keg River Z8Z	Conf	0.7		
Zama Keg River A9A	Conf	14.4		
Zama Keg River B9B	65.8	39.5	-26.3	Re-evaluation - Decreased Ri
Zama Muskeg F	50.8	30.2	-20.6	Re-evaluation - Decreased Ri
Zama Muskeg T	104.0	83.0	-21.0	Re-evaluation - Decreased Ri
Zama Muskeg U	80.4	67.8	-12.6	Re-evaluation - Decreased Ri
Zama Muskeg V	120.0	99.9	-20.1	Re-evaluation - Decreased Ri
Zama Muskeg W	10.8	0.0	-10.8	Delete Pool
Zama Muskeg CCC & Keg River T8T	34.8	17.4	-17.4	Re-evaluation - Decreased N & Ri
Zama Sulphur Point LL	39.2	9.8	-29.4	Re-evaluation - Decreased N

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ATTACHMENT II

SCHEMES WHICH RECEIVED ENHANCED RECOVERY RECOGNITION IN 1998

POOLS	APPROVAL	DEPLETION MECHANISM
Alderson Upper Mannville D2D	7855	Waterflood
Berry Upper Mannville EE	8297	Waterflood
Bigoray Ostracod	4186	Waterflood
Caroline Cardium R	8277	Waterflood
Chauvin South Mannville Mu No. 1	7361	Waterflood
Ferguson Lower Mannville A	8365	Waterflood
Ferrier Belly River A	5958	Waterflood
Giroux Lake Viking F	8212	Waterflood
Halkirk Upper Mannville Q	8339	Waterflood
Jumpbush Upper Mannville N	8205	Waterflood
Provost Cummings W3W	8333	Waterflood
Sylvan Lake Pekisko B	8367	Waterflood
Taber Taber N	3081	Waterflood
Viking-Kinsella Upper Mannville X	8153	Waterflood
Viking-Kinsella Sparky JJ	8344	Waterflood
Wildmere General Petroleum G	8293	Waterflood

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